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TWENTY-SEVENTH ANNUAL REPORT

OF THE

State Inspector of Coal Mines

1939

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THE BRADFORD-ROBINSON PTG. CO., DENVER

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LETTER OF TRANSMITTAL

Denver, Colorado, April 1, 1940.

To His Excellency,
RALPH L. CARR,
Governor of Colorado.

Sir: In accordance with Section 27 of the Colorado Statutes Annotated of the Act entitled "Coal Mining Laws," I have the honor of submitting to you the 1939 Annual Report of this department.

Respectfully,

THOMAS ALLEN,
State Inspector of Coal Mines.

PERSONNEL OF THE COAL MINE INSPECTION DEPARTMENT

THOMAS ALLEN, Chief Inspector.....Denver, Colorado

ADA R. TIBBITS, Chief Clerk.....Denver, Colorado

MAX M. GREENWALD, Assistant Clerk.....Denver, Colorado

MARJORIE ROBSON, Assistant Clerk.....Denver, Colorado

VEDA BURFORD, Safety Director.....Denver, Colorado

FIELD FORCE AND DISTRICTS

HUGO H. MACHIN, Boulder.....District No. 1

Boulder, Weld, Jefferson, Larimer counties—all counties north of Littleton outcrops to Wyoming line and east of the range. East of Denver to mines east of Limon.

GEORGE C. DALRYMPLE, Trinidad.....District No. 2

All mines in Las Animas County.

FINLAY MCCALLUM, Steamboat Springs.....District No. 3

Routt, Moffat, Garfield excepting Stove Canon mines, Rio Blanco, Pitkin, Jackson (in summer and fall) counties.

J. J. RODDY, Montrose.....District No. 4

Mesa, Delta, Gunnison, Montrose, Ouray, San Miguel, Dolores, Montezuma, Archuleta, La Plata, and the Stove Canon mines in Garfield county.

GEORGE H. SMITH, Canon City.....District No. 5

Fremont, El Paso counties, and all mines east of Colorado Springs, to junction of District No. 1, which extends to a point east of Limon, on Kansas road at the last mine before Limon.

MYRON WILLIAMS, Walsenburg.....District No. 6

All mines in Huerfano county.

SUMMARY OF THE COAL PRODUCTION OF COLORADO FOR 1939

Number of mines licensed	382
Number of new and old mines opened: new mines, 28; old mines, 12; total	40
Number of mines closed or abandoned	43
Tons of sub-bituminous coal produced	2,201,587
Tons of semi-bituminous coal produced	139,558
Tons of bituminous coal produced	3,647,888
Tons of anthracite coal produced	1,989
Total number of tons of coal produced	5,991,022
INCREASE, 1939	268,123
Tons of run-of-mine coal produced	1,116,579
Tons of lump coal produced	1,124,538
Tons of egg coal produced	370,329
Tons of nut coal produced	403,717
Tons of pea coal produced	153,970
Tons of slack coal produced	2,821,889
Percentage of slack coal produced	57.9%
Daily capacity of all mines in state (a few small mines did not report their capacity	56,701
Tons of coal mined by hand	1,779,402
Tons of coal mined by machine	4,211,620
Number and kind of machines used; (compressed air, 27) (electric, 445) total	472
Number of electric drills	263
Number of mechanical loaders	218
Tons of coal mined by mechanical loaders	1,947,759
Tons of coal mined for shipment (railroad, 4,160,869) (truck and wagon, 1,687,218) total	5,848,087
Tons of coal used at mine for power and heat	142,935
Tons of coal shipped out of the state	653,067
Tons of coal made into coke	749,924
Tons of coke made	454,869
Number of days coke ovens operated (average)	312.5
Number of coke ovens used	326
Number of men employed at coke ovens (average)	100
Number of miners employed (average): pick miners, 1,773; machine miners, machine runners and mechanical loaders, 3,404; total	5,177
Number of men employed in and about mines (average): underground, 6,969; surface, 1,444; total	8,413
Total number of men employed in and about mines (average): underground, 7,349; surface, 1,627; total	8,976
Number of days worked (average man-days)	165.4
Daily production per miner	7.0
Annual production per miner	1,157.2
Number of approved electric lamps used	8,794
Number of approved flame safety lamps used	649
Number of carbide lamps used	1,814
Number of pounds of carbide used (approximate, some miners purchase their own)	73,185
Number of pounds of black powder used	493,569
Number of pounds of permissible powder used	432,972
Number of pounds of dynamite used	103,405
Haulage:	
Electric Trolley Locomotives	128
Electric Battery Locomotives	51
Electric Hoists	190
Compressed air, steam and gasoline hoist	15
Animals	777
Number of men killed: (underground, 25) (surface, 1) total	26
Number of men injured	699
Number of men killed per thousand employed (actual number of days worked)	3.09
Number of men injured per thousand employed	83.09
Number of tons of coal produced for each life lost	230,424
Number of tons of coal produced for each non-fatal accident	8,571
Number of men employed for fatal accident	323.6
Number of men employed per non-fatal accident	12.0
Number of men killed per million tons of coal produced	4.34
Number of men injured per million tons of coal produced	116.7
Number of widows left	13
Number of minor children left fatherless	41

*Comparative statistics of mechanical, chemical, and other devices for breaking coal, cannot be assembled with data available.

FINANCIAL STATEMENT FOR THE COAL MINE INSPECTION DEPARTMENT
1939

	1939	1938
RECEIPTS:		
COAL TAX COLLECTED	$ 22,517.46	$ 22,327.71
LICENSES TO OPERATE COAL MINES	13,880.00	13,025.00
SALE OF COAL MINING LAWS	54.24	81.05
SALE OF DUPLICATE CERTIFICATES	.....	2.00
SALE OF FIRST AID MANUALS	6.00	7.50
REFUNDS AND CREDITS ADJUSTED	23.01	125.03
BALANCE BROUGHT FORWARD JANUARY 1, 1939	1,778.71	5,467.08
TOTAL RECEIPTS	$ 38,259.42	$ 41,027.87
DISBURSEMENTS:		
SALARIES (Field & Office)	28,675.13	27,680.02
SALARIES (Board of Examiners)	.....	2,072.81
AUTO MILEAGE, EXPENSES, SUPPLIES, REPAIRS, ETC.	3,361.07	3,152.64
RAILROAD TRANSPORTATION (Board of Examiners)	.....	115.36
HOTEL EXPENSE (Field Force)	412.45	428.56
HOTEL EXPENSE (Board of Examiners)	.....	223.20
MEALS (Field Force)	489.65	510.95
MEALS (Board of Examiners)	.....	239.15
RENT (Office)	1,282.56	1,175.68
RENT (Board of Examiners)	.....	10.00
PRINTING	522.75	823.89
POSTAGE	530.94	466.24
STATIONERY, OFFICE SUPPLIES	161.23	525.94
TELEPHONE	465.82	498.90
TELEGRAPH	37.64	77.99
OFFICE INSTRUMENTS & EQUIPMENT	138.21	144.40
FIELD EQUIPMENT (Express charges, Insurance, Miscellaneous)	573.30	891.55
TOTAL DISBURSEMENTS	$ 36,888.53	$ 39,256.66
BALANCE ON HAND JANUARY 1, 1940	$ 1,370.89	

INTRODUCTION

TWENTY-SEVENTH ANNUAL REPORT

OF THE

STATE INSPECTOR OF COAL MINES

1939

The total production in the coal mines of Colorado for 1939 was 5,991,022 tons, an increase of 268,123 tons over the previous year of 1938; 4,211,620 tons of which were machine mined; the remaining 1,779,402 tons being mined by hand. Of this production, 4,160,868 tons were shipped by rail and 1,687,218 tons by truck. There were 868,820 tons of coal shipped out of the State during the year.

The largest coal producing County of the State was Weld County which mined 1,137,690 tons, employing an average of 1,379 men who worked an average of 162.7 days. Huerfano County produced 1,078,129 tons, employing 1,044 men who worked an average of 162.4 days.

The 382 licensed mines employing an average of 8,413 men worked an average of 165.4 days during the year. In 1939 there were 26 fatalities and 699 non-fatal accidents; showing a decrease of five fatal and 23 non-fatal accidents. Out of the 382 mines operating, 262 mines had a perfect accident record; this is an increase of 26 mines over 1938 and an increase of 143 mines over 1937. The year shows a total of 540,222 man-shifts of exposure without an accident.

The contest for the best six months accident record of the State was won by the following mines:

1st 6 months	2nd 6 months
1. Pryor, Huerfano County	1. Baum, Weld County
2. City No. 1, El Paso County	2. Caldirola, Fremont County
3. Ludlow, Las Animas County	3. Morrison, Weld County
4. Kenneth, Las Animas	4. Boncarbo, Las Animas County
5. Baum, Weld County	5. Sterling, Weld County
6. Regal, Boulder County	6. City No. 1, El Paso County

The State-wide First Aid Contest at Civic Center in Denver on September 16th, was won by the following teams in their respective classes:

Class A

1. Hayden No. 3 Mine, Routt County
2. Clayton-Morrison Mines, Weld County

Class B

1. Clayton-Morrison Mines, Weld County
2. Sterling Mine, Weld County

Class C

1. Beebe Draw Ladies Safety Chapter, Weld County
2. Sepia Six Ladies Safety Chapter, Routt County

A Boy Scout team from the Colorado Fuel & Iron Corporation in Pueblo, under the direction of Charles DeVore; and a boys' team from the Kebler No. 2 mine at Tioga, under the direction of Thomas Bodycomb, participated in a non-competitive exhibition at the contest.

The Third Annual Safety Day of Routt County on September 1st, was won by the Hayden No. 3 men and the Pinnacle ladies.

The Black Diamond Jubilee sponsored by the Walsenburg Chamber of Commerce, conducted a First Aid Contest on Miner's Day, May 25th, at which the Robinson No. 4 Mine won first place among the men's teams and the Calumet No. 2 ladies winning in that group. The Local Union of the United Mine Workers of America at Walsenburg, conducted a First Aid Contest on Labor Day, September 4th, with the Robinson No. 4 men and the Calumet ladies winning first places.

First Aid certificates were issued to 1,292 men and women during the year, making a total of 4,142 certificates issued within the last five years. There were 216 Shot Firer's certificates issued during the year, making a total of 983 papers issued within this same length of time.

There are 15 Joseph Holmes Safety Chapters in the State, who report an attendance of 6,367 for the year. There are seven Women's Safety Chapters at present, with one or more active teams in each group. There are 63 First Aid teams from the coal mining groups in Colorado, who have participated in contest work during the past year.

In 1939, the United States Bureau of Mines issued the following 100% First Aid certificates: Rockvale No. 3, Kebler No. 2, Robinson No. 4, Frederick and the Morley, all of which are operated by the Colorado Fuel & Iron Corporation; the Somerset mine operated by the Calumet Fuel Company; and the City No. 1 Mine operated by the Colorado Springs Company. These certificates are only issued to mines employing an average of 25 or more men who are 100% trained in First Aid to the Injured. There are over 100 of the remaining mines which are 100% trained.

The following Coal Mine Officials' certificates were issued during 1939: 21 Mine Foreman and 21 Assistant Mine Foreman

papers to those who served the required six months time as Fireboss; and 27 Fireboss certificates to candidates whose papers were withheld for the completion of a course in First Aid.

The classes in Accident Prevention, conducted by W. H. Forbes of the United States Bureau of Mines, were attended by over 1,000 men throughout the State.

The Lafayette Vocational School at Lafayette, Colorado, which was dedicated in September, 1939, has conducted classes in Mine Surveying and Practical Coal Mining, for the men employed in the coal mines of that vicinity. The surveying classes were taught by Thomas J. Knill, and the classes in Practical Mining were taught by James W. Graham, Jr.

Day-time courses in Mining, Mechanics and Mining Electricity were conducted for High School students, by L. V. Crist. The enrollment for the year was 38 students.

James W. Graham, Jr., instructor for the State Board of Vocational Training, has conducted additional classes in Practical Mining throughout the State, with an enrollment of 975 miners, for the year.

> The following Important Recommendation was made by the State Department in 1939: "All entrances to abandoned coal mines or caves, must be sealed or securely sealed off."

Warnings were issued to all coal mines in the State, regarding "Fire Hazards," due to abnormally dry seasons.

At this time it is desired to express a genuine appreciation of the cooperation of the United States Bureau of Mines, the State Board of Vocational Training, the State Industrial Commission, the United Mine Workers of America, the Employer's Mutual Insurance Company, the State Planning Commission, the WPA, the coal operators, and the individual coal miners employed in the mines of the State.

WORK OF THE FIELD FORCE

(Deputy Inspectors)

The following is a summary of the work done by the Field Force of this Department, during the year 1939:

Total number of inspections made	1,238
Number of fatal accidents investigated	26
Number of general complaints adjusted	82
Number of scale inspections made	7
Total number of miles traveled by the Field Force	78,340

THOMAS ALLEN,
State Inspector of Coal Mines.

TABLE No. 1

DIRECTORY OF COAL MINES IN STATE OF COLORADO FOR THE YEAR ENDED DECEMBER 31, 1939

Company	Mine	County	Mgr. or Genl. Supt.	Company P. O.	Mine Supt.	Mine P. O.	R.R.	Shaft	Opening Slope	Opening Pitch	Opening Drift	Tunnel Length	Tunnel Pitch	Seam Ft.	Seam In.
Bellino, Frank	Bellino	Archuleta	Frank Bellino	Pagosa Jct.	No report filed		None								
Bierce, James A.	Shamrock	Archuleta	James A. Bierce	Bayfield			None					130	48°	14	0
Cox, T. L.	Cox	Archuleta	T. L. Cox	Pagosa Springs			None		900	12%				5	6
Crane, Leroy R.	Columbine	Archuleta	Leroy R. Crane	Bayfield			None				Yes			14	8
McBroom, Charley	McBroom	Archuleta	Charley McBroom	Farmington, N. M.			None				Yes			10	0
Big 5 Coal Co.	Big 5	Boulder	Ray Munn	Boulder	Joe Robertson	Boulder	None		75	33°				6	0
Black Diamond Fuel Co.	Black Diamond No. 2	Boulder	Thomas P. Hilton	Boulder	Thomas P. Hilton	Lafayette	None	268						4	6
Boulder Valley Coal Co.	Centennial	Boulder	Fred Nesbit	Denver	Wm. Andrew	Louisville	C.B.&Q.	280						5	0
Courtier, Harris	Lewis No. 2	Boulder	Harris Courtier	Gorham	Harris Courtier	Gorham	None		1300	8%				5	6
Eldorado Coal Co.	Eldorado	Boulder	Henry Richards	Broomfield	No report filed		None		160	30%				6	0
Gaspar, Louis	Regal	Boulder	Louis Gaspar	Lafayette	Louis Gaspar	Louisville	None	285						6 to 7	0
Highview Coal Co.	Highview	Boulder	N. G. Conda	Gorham	N. G. Conda	Gorham	None		800	7%				6	2
Ko-Z Coal Mining Co.	Fireside	Boulder	J. W. Thomas	Louisville	J. W. Thomas	Louisville	None		200 342	10% 42%				3½ to 6	0
Liley & Merlino	Liley	Boulder	Charles Liley	Louisville	Charles Liley	Louisville	None	348						6	9
Logan, A. W.	Marshall	Boulder	A. W. Logan	Boulder	Jas. Girardo	Boulder	None		150					7	6
Louisville-Lafayette Coal Co.	Hi-Way	Boulder	Frank Yakes, Jr.	Louisville	W. E. Pitchford	Broomfield	C.B.&Q.	386						6	6
McLaughlin Coal Co.	Gorham	Boulder	A. T. McLaughlin	Superior	A. T. McLaughlin	Superior	None		1200	15°				6	0
National Fuel Co.	Monarch	Boulder	T. E. Jenkins	Denver	Roy Williams	Broomfield	C.&S.	375						4	0
Paramount Coal Co.	Paramount	Boulder	Geo. E. Twibey	Lafayette	No report filed		None		1000	24%				5	0
Pine Cliff Coal Co.	Pine Cliff	Boulder	H. V. Cartwright	Boulder	H. V. Cartwright	Marshall	None		1000	12°				4	0
Pittsburg Coal Co.	Pittsburg	Boulder	Ellen J. Davies	Boulder			None		1300			100		4	0
Pluto Coal Mining Co.	Pluto No. 2	Boulder	Frank E. Hodgson	Boulder	Frank E. Hodgson	Superior	None		1600	50%				5	6
Premier Coal Co.	Premier	Boulder	Frank Delisa	Boulder	Frank Delisa	Boulder	None		600	15%				3	6
Rocky Mtn. Fuel Co.	Industrial	Boulder	Josephine Roche, Pres.	Denver	David Kerr	Superior	C.&S.	265						4 to 6	0
Ross Coal Co.	Ross	Boulder	Mike Rampa	Gorham	Mike Rampa	Gorham	None		200			150		4 to 6	0

Russell, Wm. E. Coal Co.	Crown	Boulder	W. E. Russell	Denver	Andrew Wilson	Superior	None							6	0
Zaptiff, Ross	O K	Boulder	Ross Zaptiff	Boulder			None		100	30%		30		7	0
Cordray & Spohr	Gelwick	Delta	Orie Cordray	Paonia	Floyd Spohr	Paonia	None		400	2°	Yes			4	6
Eckert, J. Andrew	Black Diamond	Delta		Cedaredge			None		140	20%	Yes	100		6	0
Fitzsimmons, E. A.	Fitzsimmons	Delta		Paonia			None		1000	3%				8 to 10	0
Green Valley Coal Co.	Green Valley	Delta	Ira T. Brooks	Cedaredge			None		300	27°		287	13°	5	6
Independent Fuel Co.	Ideal	Delta	Ray T. Clipp	Cedaredge			None				Yes	30		5	0
Independent Fuel Co.	Independent	Delta	Ray T. Clipp	Cedaredge			None		600	20%				9	3
Jackson, R. M.	Burdick	Delta	Ray M. Jackson	Hotchkiss			None		850	3½%	Yes	200		10	0
Jenkins & Lewis Coal Co.	Jenkins & Lewis	Delta	Guy Lewis	Paonia			None		185	3%	Yes			5	6
Juanita Coal & Coke Co.	King	Delta	John S. Bowie	Bowie	Alex R. Bowie	Bowie	D.&R.G.W.		5400	6%				11	0
Owens, Louis	Farmers	Delta	Louis Owens	Hotchkiss			None		1000	3%	Yes			6	0
Paonia Farmers Coal Co.	Paonia Farmers	Delta	Albion Baker	Paonia			None		780	12%	Yes			8	0
Patton, Lloyd L.	Red Canon	Delta	Lloyd L. Patton	Cedaredge			None		500	5%	Yes			4	6
States-Hall Coal Co.	States-Red Mountain	Delta	C. E. Hall	Cedaredge			None		800	8%	Yes			12	0
States, Welland W.	Top	Delta	Welland W. States	Cedaredge			None		420	10%	Yes	123		7	4
Western Star Coal Co.	Western Star	Delta	C. W. Rinehart	Cedaredge			None		700	5%	Yes			5	8
Winton Coal Co.	Winton	Delta	C. A. Bowerman	Austin			None		300	45°				12	10
Barker Coal Co.	Barker	Elbert	Dora E. Barker	Matheson	Arnold Kirschbaum	Matheson	None		300	30%	Yes			6	0
Dalrymple, J. M.	Beaver Valley	Elbert	J. M. Dalrymple	Agate			None	72						4	2
Newland, Bordy	White Ash	Elbert	Bordy Newland	Matheson			None	70						7	0
Stander, Joe	Stander	Elbert	Joe Stander	Ramah			None				Yes			2	3
Altitude Fuel Co.	Altitude	El Paso	Harry S. Bennett	Colo. Spgs.			None	152						2	4
Ausec, Frank	Busy Bee	El Paso	Frank Ausec	Colo. Spgs.			None		400	20%				4 to 16	0
Clara Bell Coal Co.	Clara Bell	El Paso	Thomas Howells	Colo. Spgs.	Edwin Howells, Sr.	Colo. Spgs.	None	100						9	0
Colorado Springs Co.	City Coal Mines	El Paso	George H. Krause	Colo. Spgs.	Walter Colburn	Colo. Spgs.	None		3300	20%				6 to 10	0
Cottonwood Coal Co.	Cottonwood	El Paso	Fred Sevcik	Colo. Spgs.			None		158	38%				3 to 4	0
Danville Coal Co.	Climax	El Paso	James Ralston	Colo. Spgs.			None	200	200	31%	Yes	100		10	0
Franceville Coal Co.	Francev'le.	El Paso	L. F. Gordley	Colo. Spgs.			None		1000					4	0
Jimmy Camp Fuel Co.	Jimmy Camp	El Paso	John Palosky	Colo. Spgs.	Adolph Palosky	Colo. Spgs.	None		1500	5%		70		5	5

TABLE No. 1—Continued

DIRECTORY OF COAL MINES IN STATE OF COLORADO FOR THE YEAR ENDED DECEMBER 31, 1939

Company	Mine	County	Mgr. or Genl. Supt.	Company P. O.	Mine Supt.	Mine P. O.	R.R.	Shaft	Opening Slope	Opening Pitch	Opening Drift	Tunnel Length	Tunnel Pitch	Seam Ft.	Seam In.
Pikes Peak Fuel Div. of The Golden Cycle Corp.	Pikeview	El Paso	W. D. Wade	Colo. Spgs.	V. H. Adams	Pikeview	D.&R.G.W.	174	.....	.....	.....	.....	.....	12	0
Streenan, John	New Keystone	El Paso	John Streenan	Colo. Spgs.			None		263	25%	.....	.....	.....	8	4
Annex Coal Co.	Annex	Fremont	Thomas Hovenic	Florence	Mike Hovenic	Florence	None		400	5%	.....	.....	.....	6	0
Baione, Joe	Canon Red Star	Fremont	Joe Baione	Canon City			None		800	5%	Yes	.....	.....	3	0
Bald Coal Co.	Bald	Fremont		Florence	No report filed		None		1000	6%	.....	.....	.....	3	0
Big Three (3) Coal Co.	Big Three	Fremont	Albert Silengo	Canon City			None		489	22°	.....	.....	.....	5	0
Bluff Springs Leasing Co.	Amer. Ind. No. 2	Fremont	Owen Price	Florence	James L. Newell	Florence	None		2000	18%	.....	.....	.....	3	6
Brookside Coal M. Co., Inc.	Brookside	Fremont	Frank Orecchio	Florence			None		1500	20%	.....	.....	.....	3	0
Caldirola Coal Co.	Caldirola	Fremont	Charles J. Caldirola	Florence	Stephen Berardi	Florence	None		1600	3%	Yes	.....	.....	6	6
Canon Black Diamond Coal Co.	Black Diamond	Fremont	Louis Yellico	Florence			None		1600	.....	.....	.....	.....	7 to 9	0
Canon Blue Ribbon	Horseshoe	Fremont	No Report Filed	Florence			None		850	5°	.....	200	.....	2	6
Canon Chief Coal Co.	Canon Chief	Fremont	Domenic Moschetti	Florence			None		1500	7%	.....	.....	.....	5	0
Canon Coal Creek Coal Co.	Canon Coal Creek	Fremont	Paul Carestia	Coal Creek			None	350	400	4%	.....	400	.....	3	6
Canon Eagle Coal Co.	Canon Eagle	Fremont	Thos. A. Walker	Canon City			None		1000	.....	Yes	.....	.....	2	6
Canon Ideal Coal Co.	Canon Ideal	Fremont	Louis Delsandro	Coal Creek			None		100	4%	Yes	.....	.....	4	0
Canon Imperial Coal Co.	Canon Imp. No. 3	Fremont	A. V. Madonna	Coal Creek			None		800	6%	Yes	100	.....	3	6
Canon Liberty Coal Co.	Canon Liberty	Fremont	Anton Strainer, Jr.	Canon City			None		680	.....	Yes	.....	.....	2	6

Canon Monarch Coal Co.	Canon Monarch	Fremont	W. J. Beer	Florence	Wm. H. Lloyd	Florence	None		1500	6%	Yes	200		2 6
Canon Monarch Coal Co.	Pine Gulch	Fremont	W. J. Beer	Florence	Wm. H. Lloyd	Florence	None		800	8%	Yes			4 0
Canon National Coal Co.	Canon National	Fremont	F. A. Boitz	Florence	Math. Grehak	Florence	None		1000	25°		400		6 0
Canon Peacock Coal Co.	Canon Peacock	Fremont	B. O. Halsted	Florence	Mine did not operate during 1939		None							
Charm Coal Co.	Charm	Fremont	James G. Warren	Canon City			None		150	3%	Yes	150		4 0
Colorado Fuel & Iron Corp.	Rockvale No. 3	Fremont	G. H. Rupp	Denver	J. L. McBrayer	Canon City	A.T.&S.F.		6000	15%				6 0
Corley, W. D. Jr.	Amer. Ind. No. 3	Fremont	W. D. Corley, Jr.	Colo. Spgs.		Florence	A.T.&S.F.		202	20%				3 0
Corley, W. D. Jr.	Corley No. 6	Fremont	W. D. Corley, Jr.	Colo. Spgs.	Pete Millar	Florence	None		150	14%				3 6
Crescent Coal Co.	Sellers	Fremont	William D. Wood	Chandler			None	130						4 0
Di Giacomo, Tony	Di Giacomo	Fremont	Tony Di Giacomo	Coal Creek			None		225	7%	Yes	225		1 8
Double Dick Coal Co.	Double Dick	Fremont	Tony Santarelli	Florence			None		3000	15%				9 0
Duca, Joseph Z.	Canon Zenith	Fremont	Joseph Z. Duca	Florence			None		750	10%	Yes			3 0
Evans Coal Co.	O K Canon	Fremont	Chester Evans	Florence			A.T.&S.F.		700	33%				2 4
Falco, Adolph	Canon Hiway	Fremont	Adolph Falco	Florence			None		200	3%	Yes			3 0
Fawn Hollow Coal Co.	Fawn Hollow	Fremont	Florian Adamic	Canon City			None		700	8°-12°				2½ to 3 0
Florence Coal Co.	White Ash No. 1	Fremont	Martin Kattnig	Florence			None		700	6%				1 8
Florence Coal Mines, Inc.	Mountain View	Fremont	John W. McGovern	Pueblo	Wm. Peachey	Florence	None		1300	5%		500		4 6
Giuliano-Carpine Coal Co.	Cedar Canon	Fremont	John G. Giuliano	Florence	Mike Giuliano	Florence	None		1500	2%	Yes			5 0
Griffiths Coal Mining Co.	Griffiths Chandler Creek	Fremont	W. R. Griffiths	Canon City			D.&R.G.W.		1800	8%		400		3 6
Hiland Coal Mines, Inc.	Canon Tiger	Fremont	John W. McGovern	Pueblo	Earl Lamberson	Florence	None		1000	4%				4 6
Hillside Coal Co.	Hillside	Fremont	J. E. Ortez	Florence			None		136	32%	Yes	136		2 2

TABLE No. 1—Continued

DIRECTORY OF COAL MINES IN STATE OF COLORADO FOR THE YEAR ENDED DECEMBER 31, 1939

Company	Mine	County	Mgr. or Genl. Supt.	Company P. O.	Mine Supt.	Mine P. O.	R.R.	Shaft	Opening: Slope	Opening: Pitch	Opening: Drift	Tunnel: Length	Tunnel: Pitch	Seam: Ft.	Seam: In.
James, Lawrence	Willie	Fremont	James Lawrence	Florence			None		100		Yes			3	6
Little Johnny Coal Co.	Little Johnny	Fremont	Lohn Lippis	Canon City			None		900	7%	Yes			4	0
Manley Coal Mining Co.	Manley	Fremont	W. M. Manley	Canon City			None	96							
Moschetti, Tony	Canon Old Slope	Fremont	Tony Moschetti	Florence	No report filed		None								
Nerone & Rigerozzi Bros.	Canon Central	Fremont	Joe Nerone	Florence	John and Joe Rigerozzi	Florence	None		Not reported						
Nushaft Canon Coal Co.	Nushaft	Fremont	E. B. Cribbs	Coal Creek	Arthur Angel	Coal Creek	None		2200	5%		300	15%	3 to 4	0
Nushaft Canon Coal Co.	Rex Carbon	Fremont	E. B. Cribbs	Coal Creek	Ray Halbrook	Coal Creek	None		1500	11%		450	20%	7	0
Perino Coal Co.	Newlan Creek	Fremont	James Perino	Florence			None		1500	6%		350	30%	3	0
Petry Bros.	Petry	Fremont	Sam Petry	Florence			None							3	6
Royal Gorge Coal Co.	Royal Gorge	Fremont	Stanley Z. Pavalsky	Canon City		Canon City	A.T.&S.F.		440	47%				5	10
Victor-American Fuel Co.	Chandler	Fremont	W. E. Schlessinger	Denver	G. W. Shields	Chandler	A.T.&S.F. & D.&R.G.W.	462½	9000	5.4%				2	6
Walker Coal Co.	Red Arrow	Fremont	Frank J. Walker	Florence			None		1000	3%				3	6
Barber Asphalt Corp.	Carbonera	Garfield	Homer D. Ford	Craig	Mine abandoned		Uintah—now abandoned				Yes			7	6
Coles, W. E.	New Castle	Garfield	W. E. Coles	New Castle			None		500	50%				14	0
DeBoy, Frank	Ohkraut	Garfield	Frank DeBoy	Glenwood Springs			None							3	6
Diamond Fuel Co.	Diamond	Garfield	David Davies	Glenwood Springs			None					500		5	0

Gem Coal Co.	Gem	Garfield	J. R. Marketti	Glenwood Springs			None					600		6 4
Haas, Bill	I. H. I.	Garfield	Bill Haas	Rifle			None							9 0
Halcumb, N. H.	Monger	Garfield	N. H. Halcumb	Fruita			None		350	6%	Yes			5 6
Llewellyn Coal Co.	Llewellyn	Garfield	Rees Llewellyn	Silt			None	400	400	45°				48 0
Paolazzi & Moda	Harvey Gap	Garfield	Felix Moda	New Castle			None					872		3 0
Rifle Coal Mines, Inc.	North Canon	Garfield	Arthur Holmes	Rifle	A. B. Davis	Rifle	None				Yes	200		7 & 9 0
South Canon M. Leasing Co.	South Canon	Garfield	James E. Ford	Glenwood Springs	Andy Zemlock	Glenwood Spgs.	D.&R.G.W.		550	26%				6 0
Stove Canon Coal Co.	Stove Canon	Garfield	Clyde L. Faris	Fruita	Frank E. Youngman	Fruita	None				Yes			5 to 7 0
Terry, H. F. & Sons	Kirchen	Garfield	H. F. Terry	Glenwood Springs			None		40			70		4 0
Zieseniss, Henry	Zieseniss	Garfield	Henry Zieseniss	Rifle			None					368		6 6
Audin, C. & Sons	Hawk's Nest	Gunnison	Clement Audin	Somerset			None		750	5%				6 6
Baldwin Fuel Co.	Star	Gunnison	James Hare	Baldwin			D.&R.G.W.		400	11%	Yes			8 0
Bear Coal & Coke Co.	Bear	Gunnison	Tony Bear	Somerset			None		1400	4%	Yes			6 0
Calumet Fuel Co.	Somerset	Gunnison	Moroni Heiner	Salt Lake City, Utah	Robt. Williams, Jr.	Somerset	D.&R.G.W.		3200	6%	Yes	700		6 to 9 0
Carbon Creek Coal Co.	Carbon Creek	Gunnison	A. G. Smith	Gunnison			None		450	8%	Yes	100	20%	4 0
Castle Rock Coal Co.	Castle Rock	Gunnison	Warren Slates	Gunnison			None		400		Yes			9 0
Colorado Fuel & Iron Corp.	Crested Butte	Gunnison	G. H. Rupp	Denver	H. D. Pinkney	Crested Butte	D.&R.G.W.		8200	15%				5 to 25 0
Crested Butte Coal Co.	Bulkley No. 2	Gunnison	James G. Berryhill, Jr.	Denver	John Courtney	Crested Butte	D.&R.G.W.		2640	9%				7 to 8 0
Edwards, George W.	Edwards	Gunnison	George W. Edwards	Somerset			None		560	3%	Yes			7 6
Hedley, W. H.	Hinkle	Gunnison	W. H. Hedley	Gunnison			None		250	9°				8 6
Horace Miners Ass'n.	Horace	Gunnison	Fred Gulliford	Crested Butte			D.&R.G.W.					100		2 2
Mt. Carbon Anthracite Co.	Richardson	Gunnison	Gomer Dollard	Gunnison			None		600	8%	Yes	200		4 0
Oliver Coal Co.	Oliver	Gunnison	E. M. Oliver	Paonia	R. C. Oliver	Somerset	D.&R.G.W.		3400	4.2%	Yes	125	25%	7 0
Partch Bros.	Nu-Mine	Gunnison	Joseph E. Partch	Gunnison			None		560	5%		90		4 0

TABLE No. 1—Continued

DIRECTORY OF COAL MINES IN STATE OF COLORADO FOR THE YEAR ENDED DECEMBER 31, 1939

Company	Mine	County	Mgr. or Genl. Supt.	Company P. O.	Mine Supt.	Mine P. O.	R.R.	Opening: Shaft	Opening: Slope	Opening: Pitch	Tunnel: Drift	Tunnel: Length	Tunnel: Pitch	Seam: Ft.	Seam: In.
Rocky Mtn. Fuel Co.	Alpine	Gunnison	Josephine Roche	Denver	James Jordan	Baldwin	D.&R.G.W.	150	3800	5½%	.....	.....	.....	7	0
Rocky Mtn. Fuel Co.	New Baldwin	Gunnison	Josephine Roche	Denver	James Jordan	Baldwin	D.&R.G.W.	.....	1000	4½%	.....	.....	.....	6	0
Staples, S. L. & Son	O. C.	Gunnison	S. L. Staples	Gunnison			None	.....	1400	4½%	Yes	.....	.....	5	6
Aaron Coal Co.	Aaron	Huerfano	Aaron S. Wilburn	Walsenburg	Emial Richter	Walsenburg	None	297	424.7	25%	Yes	.....	.....	2	8
Aztec Coal Mining Co.	Toltec	Huerfano	Thomas Hutchinson	Walsenburg		Toltec	D.&R.G.W.	.....	1200	10%	Yes	60	15%	3	8
Black Hawk Coal M. Co.	Blackhawk	Huerfano	E. H. Jenkins	Walsenburg			None	.....	1370	4½%	.....	130	32%	2	8
Blue Blaze Coal Co.	Blue Blaze	Huerfano	Johnson & Amiday, Props.	Walsenburg	Bert Amiday	Walsenburg	None	.....	1000	8%	Yes	.....	.....	3	9
Butte Valley Coal Co.	Butte Valley	Huerfano	George B. Dick	Walsenburg	John T. Muir	Butte Valley	D.&R.G.W.	.....	3000	30%	.....	800	.....	9	0
Caddell, Ed.	Caddell	Huerfano	Ed Caddell	Walsenburg			None	.....	1400	7½%	Yes	.....	.....	4	6
Calumet Fuel Co.	Calumet No. 2	Huerfano	Moroni Heiner	Salt Lake City, Utah	A. P. French	Delcarbon	D.&R.G.W.	.....	3200	4°	.....	300	.....	4	0
Colorado Fuel & Iron Corp.	Kebler No. 2	Huerfano	G. H. Rupp	Denver	L. W. Ingles	Tioga	D.&R.G.W.	.....	3400	23%	.....	.....	.....	6	0
Colorado Fuel & Iron Corp.	Robinson No. 4	Huerfano	G. H. Rupp	Denver	J. L. McBrayer	Farr	C.&S.	.....	3800	4½%	Yes	.....	.....	5	0
Downs, L. M.	Sam George	Huerfano	L. M. Downs	LaVeta	Mine did not operate to March 15		None	.....	.....	.....	.....	.....	.....	.....	..
Caliente Coal Co. / Giordano Coal Co.	Ravenwood	Huerfano	S. M. Thompson / Joe Giordano	Denver / Walsenburg			C.&S.	.....	4000	3%	.....	.....	.....	2	6

Gordon Coal Co.	Gordon	Huerfano	George B. Dick	Walsenburg			D.&R.G.W.	4800	5%		800	10%	4 0
Ideal Coal Co.	New Ideal	Huerfano	Dr. G. R. Mallett	Walsenburg	William Cominotti	Walsenburg	C.&S.	500	5%	Yes			4 6
Klikus Coal Co.	C. O. D. No. 2	Huerfano	John Klikus	LaVeta			None	250					3 6
Caliente Coal Co. / Maitland Fuel Co.	Maitland	Huerfano	S. M. Thompson / John Manka	Denver / Walsenburg	to March 15		D.&R.G.W.	3000	6%	Yes			3 2
Major Coal Co.	Major	Huerfano	John Cornali	Walsenburg			D.&R.G.W.	1000	27%		150		3 0
Maloney, Joe	Nugget	Huerfano	Joe Maloney	Rugby	No report filed		None	900	10%	Yes			4 0
McCune & Boscia	New Sunnyside	Huerfano	James A. McCune	Walsenburg			D.&R.G.W.	400	12%		70	20%	2 6
Minnequa Fuel Co.	Morning Glory	Huerfano	Robert Turner	Walsenburg			D.&R.G.W.	2000	5½%	Yes	150		4 6
Murrell, James	Murrell	Huerfano	James Murrell	LaVeta			None	400	30°	Yes			2 6
Peachey Coal Co.	Oakdale	Huerfano	Wm. Peachey	LaVeta			None	500	30°	Yes			12 0
Peachey Coal Co.	Ojo	Huerfano	Wm. Peachey	LaVeta			None	700	30°				3 6
Peaks Coal Co.	Peaks	Huerfano	Eloy Montez	Walsenburg			None	310	13°				2 6
Pryor Coal Mining Co.	Pryor	Huerfano	A. S. Kinsley	Denver	R. E. Chambers	Pryor	D.&R.G.W.	3000	7%	Yes			3 to 6 0
Red Ash Coal Co.	Leader No. 2	Huerfano	Mike J. Judiscak	Walsenburg			None	1200	12%	Yes			3 0
Redwood Mining Co.	Redwood	Huerfano	Gus Kosmas	Walsenburg			None						2 4
Rogers Bros.	Rogers	Huerfano	Elden Rogers	LaVeta	Donald Rogers	LaVeta	None	100	35%	Yes			2 6
Santa Clara Coal Co.	Rouse	Huerfano	Sam T. Taylor	Walsenburg	John Beres	Walsenburg	D.&R.G.W.	1200	11%	Yes			4 6
Shamrock Coal Co.	Shamrock	Huerfano	J. E. Hatcher	Walsenburg			None	552	14°	Yes			5 0
Strawberry Coal Co.	Strawberry No. 1	Huerfano	John Foderero	Walsenburg			None	150	5%	Yes			3 0
Strawberry Coal Co.	Strawberry No. 2	Huerfano	John Foderero	Walsenburg			None	150	5%	Yes	22		3 0
Tompkins, J. G. & Sons	Sam George No. 3	Huerfano	J. G. Tompkins	LaVeta			None	60	80°	Yes			10 0

TABLE No. 1—Continued

DIRECTORY OF COAL MINES IN STATE OF COLORADO FOR THE YEAR ENDED DECEMBER 31, 1939

Company	Mine	County	Mgr. or Genl. Supt.	Company P. O.	Mine Supt.	Mine P. O.	R.R.	Shaft	Opening Slope	Opening Pitch	Opening Drift	Tunnel Length	Tunnel Pitch	Seam Ft.	Seam In.
Van Meter, J. R. & Sons	Pitch Vein Nigger-head	Huerfano	J. R. Van Meter	LaVeta			None		300	35°	Yes	75	35°	6	0
Barnell, George M.	Marr	Jackson	George M. Barnell	Walden			None		400					50	0
Jackson, J. C.	Sudduth	Jackson	J. C. Jackson	Cowdrey	Ellsworth Carhuff	Cowdrey	None		75	30°	Yes			35	0
North Park Coal Co.	Moore Strip Pit	Jackson	R. W. Moore	Ft. Collins	Elmer B. Brinker	Coalmont	L.N.P.W.							20	0
Caprock Fuel Co.	Caprock	Jefferson	S. M. Thompson	Denver	A. H. Chatin	Arvada	None		950	43°		130	43°	12	0
Economy Coal Co.	Economy	Jefferson	C. O. Woodhouse	Littleton			None	250	250	75%				6	0
Jefferson Coal Co.	Virginia	Jefferson	Louis Reese	Littleton	No Report Filed		None	430			Yes			8 to 12	0
Leyden Lignite Co.	Leyden No. 3	Jefferson	Harry F. Nash	Denver	E. H. McCleary	Leyden via Golden	D.&I.M.	792						6 to 9	0
Batchelor & Richardson	Excelsior	La Plata	Chas. Batchelor	Bayfield	No report filed		None								
Black Diamond Coal Co.	Black Diamond	La Plata	Louis Bodo	Durango			None		1000					4 to 5	0
Blume, Alfred	Peacock	La Plata	Alfred Blume	Hesperus			None							6	0
Caranta Bros.	Morning Star	La Plata	Barney Caranta	Durango			None		1200	1%		500	1%	5	8
Castle Coal Co.	Castle	La Plata	Henry Naff	Durango	T. N. Naff	Durango	R.G.S.				Yes			5	0
Coal King Mining Co.	Coal King	La Plata	Vernon Cason	Hesperus			None					10		6	0
Crumpley, P. H.	Soda Springs	La Plata	P. H. Crumpley	Kline	No report filed		None		250	14%	Yes			8	0
Davis, Robert L.	Blue Jay	La Plata	Robert L. Davis	Bayfield			None				Yes	60		3-5-15	0
Dill & Boglino	John Dill	La Plata	John Dill	Durango	Cesare Boglino	No report filed	None							3	0
Dufur, Xavier	Ft. Lewis	La Plata	Xavier Dufur	Aztec, N. M.			None		150	25%	Yes			40	0
Durango Coal Co.	Durango	La Plata	John L. Craig	Durango			None		200	5%	Yes			2	6
Durkan, James T.	Durkan	La Plata	James T. Durkan	Kline	No report filed		None								
Fire Glow Coal Co.	Fire Glow	La Plata	Bert Coon	Falfa			None			37%	Yes			4	2
Hay Gulch Coal Co.	Hunt	La Plata	Wm. Hunt	Hesperus			None			3%	Yes			5	4
Hesperus-Superior Coal Co.	Hesperus	La Plata	W. R. Tebbs	Hesperus			None				Yes	700	9%	4	0

King Coal Co.	King	La Plata	C. H. Cole	Durango			None						6	0
Manning, O. V.	Valley View	La Plata	O. V. Manning	Mancos			None				Yes	250	5	4
O. K. Coal Co.	O. K.	La Plata	L. D. Burnett	Durango			None					2500	3 to 5	0
Peerless Coal Co.	Peerless	La Plata	Thomas G. Pierce	Durango			None			6%	Yes		4	0
Red Glow Blacksmith C. & C. Co.	Red Glow	La Plata	J. K. & Bob Byrd	Durango	No report filed		None							
Serroni, Otto	Supreme	La Plata	Otto Serroni	Durango	No report filed		None		450	5%	Yes		5	0
Sunshine Coal Co.	Sunshine	La Plata	Veva Pierce Macy	Durango			None						6	0
Tipotsch, Frank	Tipotsch	La Plata	Frank Tipotsch	Hesperus	Incomplete report filed		None				Yes		5	7
Wieland, E. C.	Fire Chief	La Plata	E. C. Wieland	Bayfield	No report filed		None		50	50%			14	0
Wiltse, Alan C.	Hay Gulch	La Plata	Alan C. Wiltse	Hesperus			None				Yes		6	0
Bachy Coal Co.	Bachy	Larimer	Ernest E. Berg	Carr			None		370	8%	Yes		5	10
Ideal Coal Co.	Ideal	Larimer	George Hackman	Carr			None		800	7%			5	4
Nogo, John	White Rose	Larimer	John Nogo	Carr			None		300	10%	Yes		4	0
Pioneer Coal Co.	Pioneer	Larimer	Howard Z. Johnson	Carr			None		700	10%	Yes		4	6
Abeyta, Alex	Berwind Canon No. 3	Las Animas	Alex Abeyta	Trinidad			None				Yes		4	0
Arcuri, Manuel	Mary	Las Animas	Manuel Arcuri	Trinidad			None				Yes		3	2
Aguilar Black Diamond Coal Co.	Black Diamond	Las Animas	Frank Coke	Trinidad			None		900	3°	Yes		4	6
American Smelting & Ref. Co.	Boncarbo	Las Animas	C. R. Garrett	Cokedale	G. O. Arnold	Cokedale	D.&R.G.W.		8300	1½%	Yes		5	2
Arrowhead Coal Co.	Stonewall Valley	Las Animas	Gus J. Martin	Weston			None		200	1%	Yes		4	0
Bear Canon Coal Co.	Bear Canon No. 6	Las Animas	Wm. G. Plested	Trinidad	Leo Oss	Vallorso	C.&S.				Yes		7	0
Blahut, Mike	Aguilar	Las Animas	Mike Blahut	Aguilar			None		300	3%	Yes		5	4
Boaglio, Mary	Boaglio No. 2	Las Animas	Mary Boaglio	Trinidad			None				Yes		2	10
Bowen, E. E.	Aberdeen	Las Animas	E. E. Bowen	Trinidad			D.&R.G.W.		2600		Yes		4	0
Bowman, Guillermo	Crystal	Las Animas	Guillermo Bowman	Jansen			None				Yes		2	4
Bratz, Nick	Rugby 5½	Las Animas	Nick Bratz	Rugby			None		250	10%	Yes		2	6
Colorado Fuel & Iron Corp.	Frederick	Las Animas	G. H. Rupp	Denver	M. M. Watson	Valdez	Colo.& Wyo.				Yes		5	0
Colorado Fuel & Iron Corp.	Morley	Las Animas	G. H. Rupp	Denver	G. B. Botsford	Morley	A.T.&S.F.		3800	15%			5	6
Deldosso Coal Co.	Sopris No. 1	Las Animas	John D. Deldosso	Trinidad	J. D. Deldosso	Sopris	C.&S.		500	1½°			6	0
Dick Coal Co.	Dix	Las Animas	George B. Dick	Walsenburg	Henry R. Currie	Boncarbo	D.&R.G.W.		6600	2%			4	6
Galli, Adam	Daisy	Las Animas	Adam Galli	Aguilar			None		900				2	6
Garcia, Benito	Garcia	Las Animas	Benito Garcia	Dicks			None					700	3	6

TABLE No. 1—Continued

DIRECTORY OF COAL MINES IN STATE OF COLORADO FOR THE YEAR ENDED DECEMBER 31, 1939

Company	Mine	County	Mgr. or Genl. Supt.	Company P. O.	Mine Supt.	Mine P. O.	R.R.	Shaft	Opening Slope	Opening Pitch	Opening Drift	Tunnel Length	Tunnel Pitch	Seam Ft.	Seam In.
Garcia, Gus & Sons	Garfield	Las Animas	Gus Garcia, Sr.	Boncarbo			None				Yes			6	5
Giordano Coal Co.	Gem	Las Animas	Joe Giordano	Aguilar			None		1600	15%	Yes			2 to 3	0
Glorioso & Iuppa	Lakeview No. 2	Las Animas	Chas. Glorioso	Trinidad			None		60	10%				6	0
Green Canon Coal Co.	Green Canon	Las Animas	George Clark	Aguilar	Frank Smith	Aguilar	None		200	1%	Yes			2	2
Highway Coal Co.	Highway	Las Animas	Thomas W. Tweddale	Trinidad	Dan Scappucci	Trinidad	None				Yes			4	0
Hollingsworth, J. A.	Peacock	Las Animas	John A. Hollingsworth	Trinidad			None					100		6	0
Home Fuel & Sup. Co.	Bowen	Las Animas	Dave Lowe	Trinidad			None				Yes			6	6
Huerfano Coal Co.	Ludlow	Las Animas	N. C. Anderson	Denver	Frank McDermott	Ludlow	C.&S.		6000	3-4%	Yes			4 to 6	0
Jeffryes Fuel Co.	Jeffryes	Las Animas	George Heap	Trinidad			None				Yes			4	0
Jewell Collieries Corp.	Creston-Jewell	Las Animas	George B. Dick	Walsenburg	Alex Shields	Aguilar	C.&S.		5000	18%	Yes			3	9
Kazle, John	Forbes No. 10	Las Animas	W. E. Riggs	Trinidad	John Kazle	Trinidad	None		400		Yes	30	6%	6	0
Lucia, Ben	Valley	Las Animas	Ben Lucia	Sopris			None			2%	Yes			2	2
Martorano & Son	Martorano	Las Animas	Mike Martorano	Sopris			None							2	8
McPhail & Son	Skyline	Las Animas	Thomas McPhail	Aguilar			None		225	8%	Yes			3 to 8	0
Meggison & Littleton	Baldy	Las Animas	E. W. Meggison	Trinidad			None		180	30%	Yes	180	30%	6	0
Micheli, Pio	Rapson	Las Animas	Pio Micheli	Rugby			C.&S.		3000	9%				3	10
Morasky, Joe	Morasky	Las Animas	Joe Morasky	Trinidad			None				Yes			3	6
Owen, William	Prospect No. 1	Las Animas	William Owen	Trinidad			None				Yes			2	10
Rainbow Coal Co.	Rainbow	Las Animas	Nick Ruscetti	Trinidad			None				Yes			2	6
Riggs, W. E.	Forbes No. 9	Las Animas	W. E. Riggs	Trinidad			None		5000	1½%	Yes	75	15%	7	0
Sanchez Family	Sanchez	Las Animas	Joe Sanchez	Boncarbo			None		600		Yes			4	6
Sandoval & Garcia	Rugby No. 5	Las Animas	Wm. Sandoval	Rugby			None		380	6%				3	2
Santa Fe Coal Co.	Santa Fe	Las Animas	Thomas W. Tweddale	Trinidad			None				Yes			4	0
Simola Fuel & Supply Co.	Berwind Canon	Las Animas	Efisio Simola	Ludlow			C.&S.	200	700	7°	Yes			4	6

So. Monarch Fuel & Gas Co.	So. Monarch	Las Animas	C. E. Kelley	Trinidad			None			Yes		3	0
Starkville Coal Co.	New Starkville	Las Animas	Thomas W. Tweddale	Trinidad			None			Yes		5	0
Sunrise Coal Co.	Sunrise	Las Animas	Louis Fabec	Trinidad			None			Yes		4	6
Temple Fuel Co.	Brodhead	Las Animas	F. R. Wood	Trinidad	Bankrupt—No 1939 license		C.&S.—D. &R.G.W.	10000	3%	Yes		3	6
Thor Fuel Co.	Thor	Las Animas	Eph. Wagstaff	Trinidad			C.&S.	2800				4	6
Toller Coal Co.	Eureka (Anchor)	Las Animas	G. M. O. Toller	Trinidad	Charles Pritchard	Boncarbo	D.&R.G.W.			Yes		5	0
Trinidad Sup. Coal Co.	Bloom	Las Animas	John Dolinar	Trinidad			None	2000			1500	2	4
Valdez, Felix & Partners	Rugby No. 3	Las Animas	Felix Valdez	Rugby			None	110	11°			3	0
Valdez, Felix & Partners	Sunflower	Las Animas	Felix Valdez	Rugby			None	400	9°			3	0
Vigil, Albert	Pinon Canon	Las Animas	Albert Vigil	Trinidad			None			Yes			
Vickers Coal Co.	Kenneth	Las Animas	F. R. Wood	Trinidad	V. J. Tretter	Rugby	C.&S.	5000	10%	Yes		5	0
Victor-American Fuel Co.	Delagua	Las Animas	W. E. Schlessinger	Denver	F. C. Collister	Delagua	C.&S.E.	3000			800	4	0
Weghorst, H. C.	Wegs	Las Animas	H. C. Weghorst	Trinidad			None	160	2%			2	0
West & Bittick	Banner	Las Animas	Noble L. Bittick	Aguilar			None	60	12%			2	8
Albright & Warner	Black Diamond	Mesa	M. J. Albright	Grand Jct.	No report filed		None						
Aquilla, Tony	Thomas	Mesa	Tony Aquilla	Grand Jct.			None			Yes	500	5	0
Baughman, L. D.	Hunter	Mesa	L. D. Baughman	Loma			None	450	12%	Yes		5	4
Clarke Coal Co.	Winger	Mesa	R. M. Clarke	Palisade			None	1000	5%			4	6
Craig, L. L.	Peacock	Mesa	L. L. Craig	Grand Jct.	No report filed		None	750	16%	Yes	50	4	6
Garfield Coal Co.	Garfield	Mesa	Walter Scott	Palisade			None			Yes		2 to 5	6
Gearhart, B. & Sons	Mt. Garfield	Mesa	B. Gearhart	Palisade			None	500	10%	Yes	200	5	6
Grasso, Nunzio	Grasso	Mesa	Frank Aquilla	Grand Jct.			None	500	18°	Yes	100	3	0
Hicks, Ernest	McGinley	Mesa	Ernest Hicks	Grand Jct.			None	700	3°	Yes		6	0
Hicks & Sons	Palisade	Mesa	Carl Hicks	Palisade			D.&R.G.W.	1700	8%	Yes		3	6
Hidden Treasure Coal Co.	Hidden Treasure	Mesa	Frank Moran, Jr.	Fruita			None			Yes		3	3
Hughes, Wm.	Midwest	Mesa	Wm. Hughes	Palisade			None	800	2°	Yes		3	0
Kerr Coal Co.	Cameo	Mesa	W. M. Kerr	Cameo			D.&R.G.W.	3000	7%	Yes	800	5	0
Kruzich & Zang	Coal Gulch	Mesa	Phil Kruzich	Loma	Wm. Zang	Loma	None			Yes		6	0
Marinelli, Mike	Marinelli	Mesa	Mike Marinelli	Fruita			None	580	4%	Yes		3	2
Martin Coal Co.	Blue Flame	Mesa	Richard C. Martin	Palisade			None	700	3%	Yes		5	9

TABLE No. 1—Continued

DIRECTORY OF COAL MINES IN STATE OF COLORADO FOR THE YEAR ENDED DECEMBER 31, 1939

Company	Mine	County	Mgr. or Genl. Supt.	Company P. O.	Mine Supt.	Mine P. O.	R.R.	Shaft	Opening Slope	Opening Pitch	Tunnel Drift	Tunnel Length	Tunnel Pitch	Seam Ft.	Seam In.
McDowell, James	Mt. Lincoln	Mesa	James McDowell	Palisade			None				Yes			3	0
Mesa County Quality Coal Co.	Nearing	Mesa	George McMillin	Fruita			None		600	6%	Yes			6	0
Monarch Coal Co.	Williams	Mesa	R. F. Raymond	Grand Jct.			None		300	13°		60		4	6
Ottman, Robert	Corcoran	Mesa	Robert Ottman	Grand Jct.			None				Yes			3	6
Rocchio, Tony	Farmers No. 1	Mesa	Tony Rocchio	Grand Jct.			None		900	3°	Yes			2	6
Sipe, Martin & McDonald	Riverside-Farmers	Mesa	Harold Sipe	Palisade	Chas. Martin	Palisade	None				Yes			2	6
Supancic, Louis	River View	Mesa	Louis Supancic	Cameo			None				Yes			6	0
Babb, John Jr.	Wise	Moffat	John Babb, Jr.	Craig			None		150	6%	Yes			8	0
Barmettler, E. B.	Baker	Moffat	A. E. Barmettler	Craig			None				Yes			9	0
Domestic Coal Co.	Streeter	Moffat	Geo. C. Watson	Denver	Ed. C. Shipley	Craig	D.&S.L.				Yes			25	10
Fields, L. A. & Jones, C. W.	Wise Hill Pinnacle	Moffat	C. W. Jones	Craig			None		130	10°	Yes			7	6
Hart, G. G. & Sons	James	Moffat	G. G. Hart	Meeker			None		170		Yes			8	6
Kawcak, Panko	Little Bear	Moffat	Panko Kawcak	Craig			None		200					15	0
Knez Coal Co.	Knez	Moffat	Joe L. Knez	Craig			None		600	12%		100		9	0
Lee, H. A.	White Ash	Moffat	H. A. Lee	Vernal, Utah			None		350	7%	Yes			7	0
Levkulich, George	Walker	Moffat	George Levkulich	Craig			None		400	10%	Yes			7	0
Mt. Streeter Coal Co.	Mt. Streeter	Moffat	C. G. Phelan	Axial	J. Neish	Axial	None		100	20°				19 to 23	0
Whicker, H. L. & Son	Wisconsin	Moffat	H. L. Whicker	Lay			None		90	25%	Yes			10	0
Ainsworth, H. A.	Willden	Montezuma	H. A. Ainsworth	Mancos			None		500	4%	Yes			5 to 5	6
French, W. A.	Pinos Altos	Montezuma	W. A. French	Cortez			None			2%	Yes			2	8
Gantz, Daniel	Gantz	Montezuma	Daniel Gantz	Cortez			None		20	4%	Yes	60		3	6
Kingrey, Walter	Montezuma	Montezuma	Walter Kingrey	Cortez	No report filed		None		500		Yes			4	6
Mancos Coal Co.	Mancos	Montezuma	Roy Freeman	Mancos			None				Yes			3	4
Spencer, Geo. S.	Spencer	Montezuma	Geo. S. Spencer	Mancos			None							2	10

Wilhite, A. L.	Mesa Verde	Montezuma	Wilhite, A. L.	Cortez			None	740	7%				3	2
Blair, C. L.	Happy Canon	Montrose	C. L. Blair	Montrose	1939 License—No production		None							
Cromie, D. W.	Cimarron	Montrose	D. W. Cromie	Montrose			None	475		Yes			25	0
Fagan, Leo F.	Independence	Montrose	Leo. F. Fagan	Nucla			None		3%	Yes			4	2
Holder, Worth L.	Pleasant Valley	Montrose	Worth L. Holder	Nucla	No report filed		None	100	2%	Yes	100		4	6
Mitchell, Lyle	Liberty Bell	Montrose	Lyle Mitchell	Nucla			None			Yes	600		5	6
Sunshine Mining Co.	Sunshine	Montrose	C. E. Nix	Nucla			None	294		Yes			5	6
United States Vanadium Corp.	U. S. Vanadium	Montrose	Blair Burwell	Nucla	Andy Voytilla	Nucla	None	820		Yes	100		7 to 9	0
Johnson, Claude L.	Burro Creek	Ouray	Claude L. Johnson	Montrose			None		5%	Yes			30	0
Lowery, Ray H.	Columbine	Ouray	Ray H. Lowery	Ridgway	No report filed		None							
Placita Coal Co.	Placita	Pitkin	J. E. McCann	Carbondale			Crystal River & S.J.R.	1108	11%				4	6
Adair, Ivor	Rio Blanco	Rio Blanco	Ivor Adair	Rio Blanco			None	65					9	0
Baxter, Arthur	Rector	Rio Blanco	Arthur Baxter	Rangely			None			Yes			11	11
Brenton, H. F.	North Meeker	Rio Blanco	H. F. Brenton	Meeker			None	60	10%				5	0
Gozzer, Pete	Gentry	Rio Blanco	Pete Gozzer	Meeker			None	320	2½%				11	0
Pollard, C. F.	New Pollard	Rio Blanco	C. F. Pollard	Meeker			None		15%	Yes			13	6
Rabska & McCall	McKee	Rio Blanco	John Rabska	Meeker			None	400	8%	Yes			5	0
Rienau, R. C.	Rienau	Rio Blanco	R. C. Rienau	Meeker			None		20%	Yes			12	6
Staley, M. E.	White River	Rio Blanco	M. E. Staley	Rangely			None	500	10%	Yes			9	0
Stiers, C. J.	Nine Mile	Rio Blanco	C. J. Stiers	Meeker			None			Yes			34	0
Babson Coal Co.	Babson	Routt	John G. Mills	Hayden			None			Yes			9	6
Bear River Coal Co.	Bear River	Routt	W. H. Peltier	Denver	Wm. Morgan	Bear River	D.&S.L.	2500	11%	Yes			8 to 12	0
Block Coal Co.	Block	Routt	Roy Conway	Clark			None	230	7°	Yes	40		5	4
Chergo, Tom	Chergo	Routt	Tom Chergo	Oak Creek			None	27	15%	Yes			8	10
Colorado & Utah Coal Co.	Mt. Harris	Routt	Alex C. Burt	Denver	Alex C. Burt	Mt. Harris	D.&S.L.	2500	16%				9	3
Coryell, Frank	Hayden Valley	Routt	Frank Coryell	Hayden			None	1200	16%		200		10	0
Edna Coal Co.	Edna	Routt	M. E. Corcoran	Oak Creek			None	350	8°	Yes			8	0
Hammond, W. C.	Hammond	Routt	W. C. Hammond	Mt. Harris			None	250	10%	Yes			4	6

TABLE No. 1—Continued

DIRECTORY OF COAL MINES IN STATE OF COLORADO FOR THE YEAR ENDED DECEMBER 31, 1939

Company	Mine	County	Mgr. or Genl. Supt.	Company P. O.	Mine Supt.	Mine P. O.	R.R.	Shaft	Opening Slope	Opening Pitch	Opening Drift	Tunnel Length	Tunnel Pitch	Seam Ft.	Seam In.
Hayden Coal Co.	Grassy Creek	Routt	G. R. Harris	Denver	Thos. P. Greenhalgh	Mt. Harris	None		.....	.....	Yes	180	.....	10	0
Hayden Coal Co.	Hayden No. 3	Routt	Ramsay S. Harris	Denver	Wm. Redshaw	Haybro	D.&S.L.	365	.....	.....	.....	.....	.....	6	2
Hazen, Henry R.	Middle Creek	Routt	Henry R. Hazen	Oak Creek			D.&S.L.		.....	30°	Yes	.....	.....	12	0
Hi-Heat Coal Co.	Hi-Heat	Routt	W. F. Blogg	Milner			None		.....	.....	.....	.....	.....	9	0
Hubbard, Frank D.	Postal	Routt	Frank D. Hubbard	Oak Creek			None		700	.....	Yes	.....	.....	5	6
Hutton, G. D.	Little Male	Routt	G. D. Hutton	Oak Creek			None		60	10%	Yes	.....	.....	7	0
Jones, R. C.	Jones (Black Cat)	Routt	R. C. Jones	Bear River			None		400	5%	.....	.....	.....	5	6
Keystone Coal Co.	Keystone	Routt	W. H. Peltier	Denver	Frank Andrews	Routt	D.&S.L.		3000	15%	Yes	.....	.....	6	0
Linn, David D.	Daves Grand Baby	Routt	David D. Linn	Oak Creek			None		50	20%	.....	.....	.....	9	4
Moffat Coal Co.	Moffat Nos. 1 and 2	Routt	B. W. Snodgrass	Denver	Gomer Reese	Oak Creek	D.&S.L.		1100	.....	.....	3000	.....	5 to 12	0
Park, Daniel	McGregor	Routt	Daniel Park	McGregor			D.&S.L.		1500	.....	Yes	.....	.....	7	0
Pollo, John Jr.	Morgan	Routt	John Pollo, Jr.	Steamboat Spgs.			None		150	5°	Yes	.....	.....	8	0
Reish, Orrel O.	Blue Spruce	Routt	Orrel O. Reish	Oak Creek			None		400	37%	Yes	.....	.....	6	0
Rolfes, George T.	Argo Gulch	Routt	George T. Rolfes	Oak Creek			None		.....	.....	.....	.....	.....	8	0
Rolfes, George T.	Weber	Routt	John Mathews	Oak Creek			None		.....	.....	Yes	.....	.....	8	5
Seven Points Coal Co.	Seven Points	Routt	E. Gwynn	Phippsburg			None		12	7%	Yes	.....	.....	12	0
Sleepy Cat Coal Co.	Sleepy Cat	Routt	C. A. Baker	Hayden	C. A. Baker, Jr.	Hayden	None		280	.....	Yes	.....	.....	4	6
Steele, George	Apex	Routt	George Steele	Oak Creek			None		625	7%	Yes	.....	.....	4	6
Stukey, Daniel	Fish Creek	Routt	Daniel Stukey	Steamboat Spgs.			None		.....	30°	Yes	.....	.....	12	0
Templeton, D. W.	Big Mack	Routt	D. W. Templeton	Oak Creek			None		250	.....	Yes	.....	.....	5	0

Thompson, Harry	Wonder Valley	Routt	Harry Thompson	Steamboat Spgs.	1939 License—No production			None		100	12%	Yes		7 0
Tow Creek Coal Co.	Tow Creek	Routt	Bruce David	Milner				None		70	2%	Yes	65	5 0
Victor-American Fuel Co.	Pinnacle	Routt	W. E. Schlessinger	Denver	W. B. Odendahl	Oak Creek	D.&S.L.					Yes		12 to 4 0
Victor-American Fuel Co.	Wadge	Routt	W. E. Schlessinger	Denver	H. C. Johnson	Mt. Harris	D.&S.L.			4500	10%	Yes		8 6
Walker & Huntington	Bruce Walker	Routt	Alex Walker	Hayden				None		330	13°			9 0
Crisp, Earl M.	Keck-Reliance	San Miguel	Earl M. Crsip	Norwood				None		100	45°	Yes		2 6
Elder, Gene	Elder	San Miguel	Gene Elder	Norwood				None		200		Yes		3 0
Horton Coal Co.	Horton	San Miguel	J. R. Horton	Norwood				None				Yes		3 0
Knowlton, W. H.	O. K.	San Miguel	W. H. Knowlton	Norwood				None				Yes		3 4
Stoddard, Mrs. W.	Gray	San Miguel	Mrs. W. Stoddard	Norwood				None				Yes		2 8
Black Nugget Coal Co.	Black Nugget	Weld	John D. Bohlender	LaSalle				None	125					3 8
Bohlender Coal Co.	Bohlender	Weld	Ben Bohlender	LaSalle				None	136					4 0
Boulder Valley Coal Co.	Boulder Valley	Weld	Fred Nesbit	Denver	Wm. Andrew	Erie	U.P.		350					7 0
Brundy, R. L.	Tamoc	Weld	R. L. Brundy	Cornish				None		250	20°	Yes	174	2 6
Buddy Coal Co.	Buddy	Weld	A. Bud Early	Greeley				None	110					2 8
Carbon Coal Co.	Evans	Weld	George Zarlengo	Denver	John E. Daley	Frederick	U.P.		159					8 0
Castleman, Walter	Galeton	Weld	Walter Castleman	Galeton	No report filed			None	165					4 0
Clayton Coal Co.	Clayton	Weld	H. B. Crandell	Denver	John Sidel	Erie	U.P.		350					9 0
Clayton Coal Co.	Morrison	Weld	H. B. Crandell	Denver	John Sidel	Erie	U.P.		160					8 0
Comet Coal Co.	Comet	Weld	S. M. Thompson	Galeton	Jake Stanley	Galeton	None		170					5 6
Consolidated Coal & Coke Co.	Baum	Weld	Carson W. Smith	Denver	John Jurcheck	Dacono	U.P.		205					7 0
Diamond Coal Co.	Diamond	Weld	Fred Simpson	LaSalle				None	127					4 3
Graden Coal Co.	Graden	Weld	Jas. A. McFadden	Denver	Jas. A. McFadden	Dacono		None	316					7 6
Imperial Coal Co.	Imperial	Weld	James Brennan	Denver	Elmer Ellis	Erie	U.P.		300					10 6
Keota Coal Co.	Keota	Weld	H. S. Peaker	Briggsdale				None	100					5 6
McNeil Coal Corp.	Sterling	Weld	Floyd R. Pool	Denver	A. W. Newcomb	Dacono	U.P.		358					7 0
National Fuel Co.	Eagle	Weld	T. E. Jenkins	Denver	Roy Williams	Erie	U.P.		370					9 to 10 0
National Fuel Co.	Puritan	Weld	T. E. Jenkins	Denver	Roy Williams	Erie	U.P.		124					5 to 7 0
Park Coal Co.	Monroe	Weld	C. H. Brennan	Erie				None		300	35%	Yes	70	4 6
Rocky Mtn. Fuel Co.	Columbine	Weld	Josephine Roche	Denver	Harry Swihart	Serene	C.B.&Q.		300	625	25%			9 6
Rocky Mtn. Fuel Co.	Grant	Weld	Josephine Roche	Denver	Thos. Gibby	Frederick	U.P.		157					5 to 8 0
Russell, Wm. E. Coal Co.	Russell	Weld	W. E. Russell	Denver	Andrew Wilson	Frederick	U.P.		228					6 0
Shamrock Coal Co.	Shamrock	Weld	Fred B. Foreman	Erie				U.P.	100					8 0
White Ash Coal Co.	White Ash	Weld	W. L. Barker	LaSalle				None	75½					2 8

TABLE NO. 2

TABLE SHOWING, BY COMPANY AND INDIVIDUAL OPERATORS, NUMBER OF TONS PRODUCED, NUMBER OF MEN EMPLOYED AND NUMBER OF MEN INJURED FOR THE YEAR 1939

COMPANIES	Total Production	Average No. of Men Employed	No. of Fatal Accidents	No. of Non-Fatal Accidents
Aaron Coal Co.	896	6	.....	.....
Abeyta, Alex	180	2	.....	.....
Acuri, Manuel	169	3	.....	.....
Adair, Ivor	890	2	.....	.....
Aguilar Black Diamond Coal Co.	3,435	10	.....	1
Ainsworth, H. A.	1,744	4	.....	.....
Albright & Warner	.....	.....	.....	.....
1939 license, no production reported				
Altitude Fuel Co.	3,224	4	.....	.....
American Smelting & Refining Co.	102,375	166	1	5
Annex Coal Co.	1,221	3	.....	.....
Aquilla, Tony	998	6	.....	.....
Arrowhead Coal Co.	26	1	.....	.....
Audin, C. & Sons	4,437	7	.....	.....
Ausec, Frank	2,184	3	.....	.....
Aztec Coal Mining Co.	5,590	34	.....	.....
Babb, John, Jr.	864	3	.....	.....
Babson Coal Co.	2,846	4	.....	.....
Bachy Coal Co.	209	4	.....	.....
Baione, Joe	1,948	7	.....	.....
Bald Coal Co., no report filed	613	11	.....	.....
Baldwin Fuel Co.	900	3	.....	.....
Barber Asphalt Corp.	460	4	.....	.....
Barker Coal Co.	2,181	3	.....	1
Barmettler, E. B. (Deceased)	66	2	.....	.....
Barnell, George M.	2,071	5	.....	1
Batchelor, Chas. & Richardson, Dan	.....	.....	.....	.....
1939 license, no report filed				
Baughman, L. D.	75	3	.....	.....
Baxter, Arthur	678	1	.....	.....
Bear Canon Coal Co.	32,305	59	1	1
Bear Coal & Coke Co.	16,091	21	.....	1
Bear River Coal Co.	22,684	73	.....	2
Bellino, Frank	.....	.....	.....	.....
1939 license, no report filed				
Bierce, James A.	492	2	.....	.....
Big Three (3) Coal Co.	417	3	.....	.....
Big 5 Coal Co.	8,397	4	.....	1
Black Diamond Coal & Coke Co.	994	2	.....	.....
Black Diamond Fuel Co.	41,367	55	1	5
Black Hawk Coal Mining Co.	7,731	21	.....	3
Black Nugget Coal Co.	212	3	.....	.....
Blahut, Mike	326	4	.....	.....
Blair, C. L.	None	.....	.....	.....
1939 license, mine closed				
Block Coal Co.	443	3	.....	.....
Blue Blaze Coal Co.	2,957	13	.....	3
Bluff Springs Leasing Co.	18,330	59	.....	4
Blume, Alfred	625	2	.....	.....
Boaglio, Mary	167	2	.....	.....
Bohlender Coal Co.	2,121	5	.....	4
Boulder Valley Coal Co.	280,832	322	1	28
Bowen, E. E.	964	15	.....	.....
Bowman, Guillermo	723	2	.....	.....

TABLE NO. 2—Continued

COMPANIES	Total Production	Average No. of Men Employed	No. of Fatal Accidents	No. of Non-Fatal Accidents
Bratz, Nick	82	3	.....	.....
Brenton, H. F.	104	2	.....	.....
Brookside Coal Mining Co., Inc.	3,400	9	.....	2
Brundy, R. L.	300	3	.....	.....
Buddy Coal Co.	1,012	5	.....	.....
Butte Valley Coal Co.	41,966	71	.....	4
Caddell, Ed.	682	7	.....	.....
Caldirola Coal Co.	42,139	40	.....	.....
Calumet Fuel Co.	269,915	216	1	18
Canon Black Diamond Coal Co.	24,193	28	.....	2
Canon Blue Ribbon Coal Co.	1,833	13	.....	.....
1939 license, no report filed				
Canon Chief Coal Co.	14,735	7	.....	.....
Canon Coal Creek Coal Co.	265	1	.....	.....
Canon Eagle Coal Co.	2,028	4	1	.....
Canon Ideal Coal Co.	25	1	.....	.....
Canon Imperial Coal Co.	1,330	6	.....	.....
Canon Liberty Coal Co.	499	2	.....	.....
Canon Monarch Coal Co.	28,931	47	.....	4
Canon National Coal Co.	15,446	11	1	4
Canon Peacock Coal Co.	None	.....	.....	.....
1939 license, mine closed				
Caprock Fuel Co.	30,059	21	.....	5
Caranta Bros.	1,542	3	.....	.....
Carbon Creek Coal Co.	879	3	.....	2
Carbon Coal Co.	23,117	24	.....	.....
Castle Coal Co.	9,404	13	.....	4
Castleman, Walter	.....	.....	.....	.....
1939 license, no report filed				
Castle Rock Coal Co.	259	1	.....	.....
Charm Coal Co.	157	1	.....	.....
Chergo, Tom	171	2	.....	.....
Clara Bell Coal Co.	14,976	17	.....	2
Clarke Coal Co.	4,524	6	.....	.....
Clayton Coal Co.	193,997	204	.....	16
Coal King Mining Co.	1,778	4	.....	.....
Coles, W. E.	8,580	6	.....	.....
Colorado Fuel & Iron Corp.	1,153,945	1,382	1	119
Colorado Springs Co.	38,371	44	.....	.....
Colorado & Utah Coal Co.	167,347	194	1	18
Comet Coal Co.	980	6	.....	.....
Consolidated Coal & Coke Co.	84,948	104	.....	3
Cordray & Spohr	77	2	.....	.....
Corley, W. D., Jr.	13,823	28	.....	.....
Coryell, Frank	11,195	21	.....	1
Cottonwood Coal Co.	901	2	.....	.....
Courtier, Harris	22,166	22	.....	1
Cox, T. L.	276	1	.....	.....
Craig, L. L.	.....	.....	.....	.....
1939 license, no report filed				
Crane, Leroy R.	1,587	3	.....	1
Crescent Coal Co.	75	3	.....	.....
Crested Butte Coal Co.	22,377	25	.....	3
Crisp, Earl M.	434	3	.....	.....
Cromie, D. W.	454	1	.....	.....
Crumpley, P. H.	420	2	.....	.....
1939 license, no report filed				
Dalrymple, J. M.	1,342	4	.....	.....
Danville Coal Co.	1,662	2	.....	.....
Davis, Robert L.	55	1	.....	.....

TABLE NO. 2—Continued

COMPANIES	Total Production	Average No. of Men Employed	No. of Fatal Accidents	No. of Non-Fatal Accidents
DeBoy, Frank	44	1	.....	.....
Deldosso Coal Co.	16,448	27	.....	1
Diamond Coal Co.	1,895	5	.....	.....
Diamond Fuel Co.	152	3	.....	.....
DiGiacomo, Tony	485	2	.....	.....
Dill & Boglino	167	2	.....	.....
1939 license, no report filed				
Dick Coal Co.	36,023	34	.....	1
Domestic Coal Co.	29,231	14	.....	7
Double Dick Coal Co.	27,091	18	.....	.....
Downs, L. M.	None	.....	.....	.....
1939 license, mine closed				
Duca, Joseph Z.	3,488	8	.....	3
Dufur, Xavier	381	2	.....	.....
Durango Coal Co.	1,941	4	.....	3
Durkan, James T.	.....	.....	.....	.....
1939 license, no report filed				
Eckert, J. Andrew	1,245	3	.....	.....
Economy Coal Co.	4,100	6	.....	.....
Edna Coal Co.	57	2	.....	.....
Edwards, George W.	3,296	4	.....	.....
Elder, Gene	145	1	.....	.....
Eldorado Coal Co.	869	6	.....	.....
1939 license, mine closed				
Evans Coal Co.	2,385	6	.....	1
Fagan, Leo F.	507	3	.....	.....
Falco, Adolph	984	4	.....	.....
Fawn Hollow Coal Co.	515	4	.....	1
Fields, L. A. & Jones, C. W.	299	2	.....	.....
Fire Glow Coal Co.	632	2	.....	.....
Fitzsimmons, E. A.	354	3	.....	.....
Florence Coal Co.	338	3	.....	.....
Florence Coal Mines, Inc.	767	9	.....	.....
Franceville Coal Co.	3,823	6	.....	2
French, W. A.	62	1	.....	.....
Galli, Adam	5,458	7	.....	1
Gantz, Daniel	55	3	.....	.....
Garcia, Benito	352	2	1	.....
Garcia, Gus & Sons	345	3	.....	.....
Garfield Coal Co.	9,427	9	.....	1
Gaspar, Louis	24,607	36	.....	3
Gearhart, B. & Sons	7,130	8	.....	.....
Gem Coal Co.	2,233	5	.....	5
Giordano Coal Co.	2,782	9	.....	.....
Giordano & Caliente Coal Co's	5,082	57	.....	3
Giuliano-Carpine Coal Co.	59,473	62	1	5
Gloriosa & Iuppa	2,225	3	.....	.....
Gordon Coal Co.	29,888	46	.....	3
Graden Coal Co.	38,508	39	.....	2
Grasso, Nunzio	480	2	.....	.....
Green Canon Coal Co.	116	1	.....	.....
Green Valley Coal Co.	7,344	6	.....	1
Griffiths Coal Mining Co.	9,676	20	.....	1
Gozzer, Pete	728	2	.....	.....
Haas, Bill	990	2	.....	.....
Halcumb, N. H.	475	3	.....	.....
Hammond, W. C.	368	2	.....	.....
Hart, G. G. & Sons	2,738	3	.....	.....
Hayden Coal Co.	132,372	217	1	17

TABLE NO. 2—Continued

COMPANIES	Total Production	Average No. of Men Employed	No. of Fatal Accidents	No. of Non-Fatal Accidents
Hay Gulch Coal Co.	2,611	3	.....	.....
Hazen, Henry R.	387	5	.....	.....
Hedley, W. H.	780	2	.....	.....
Hesperus-Superior Coal Co.	1,395	3	.....	.....
Hicks, Ernest	2,393	3	.....	.....
Hicks & Sons	4,139	6	.....	.....
Hidden Treasure Coal Co.	1,725	5	.....	.....
High View Coal Co.	4,798	5	.....	1
Highway Coal Co.	935	2	.....	.....
Hi-Heat Coal Co.	76	1	.....	.....
Hiland Coal Mines, Inc.	3,071	4	.....	1
Hillside Coal Co.	68	3	.....	.....
Holder, Worth L.	63	2	.....	.....
1939 license, no report filed				
Hollingsworth, John A.	346	2	.....	.....
Home Fuel & Supply Co.	2,307	3	.....	.....
Horace Miners Ass'n	1,989	9	.....	.....
Horton Coal Co.	142	1	.....	.....
Hubbard, Frank D.	492	3	.....	.....
Huerfano Coal Co.	46,636	108	2	1
Hughes, Wm.	2,142	4	.....	.....
Hutton, G. D.	60	1	.....	.....
Ideal Coal Co. (Huerfano)	3,060	19	.....	.....
Ideal Coal Co. (Larimer)	1,343	3	.....	.....
Imperial Coal Co.	128,903	127	.....	12
Independent Fuel Co.	1,625	5	.....	.....
Jackson, J. C.	848	3	.....	.....
Jackson, R. M.	89	2	.....	1
James, Lawrence	487	2	.....	.....
Jefferson Coal Co.	2,610	6	.....	1
1939 license, no report filed				
Jeffryes Fuel Co.	2,850	6	.....	1
Jenkins & Lewis Coal Co.	198	2	.....	1
Jewell Collieries Corp.	16,638	42	.....	3
Jimmy Camp Fuel Co.	2,692	4	.....	.....
Johnson, Claude L.	300	2	.....	.....
Jones, R. C.	194	2	.....	.....
Juanita Coal & Coke Co.	35,903	40	.....	.....
Kawcak, Panko	91	2	.....	.....
Kazle, John	499	2	.....	.....
Keota Coal Co.	51	2	.....	.....
Kerr Coal Co.	32,759	45	.....	2
Keystone Coal Co.	60,859	103	1	14
King Coal Co.	1,972	3	.....	.....
Kingrey, Walter	849	3	.....	.....
Klikus Coal Co.	225	2	.....	.....
Knez, Joe L.	10,495	13	.....	3
Knowlton, W. H.	274	1	.....	.....
Ko-Z Coal Mining Co.	6,801	11	.....	3
Kruzich & Zang	352	2	.....	.....
Lee, H. A.	449	2	.....	.....
Levkulich, George	90	1	.....	.....
Leyden Lignite Co.	121,856	113	.....	9
Liley & Merlino	10,983	17	.....	8
Linn, David D.	554	5	.....	.....
Little Johnny Coal Co.	1,875	9	.....	.....
Llewellyn Coal Co.	1,567	4	.....	.....

TABLE NO. 2—Continued

COMPANIES	Total Production	Average No. of Men Employed	No. of Fatal Accidents	No. of Non-Fatal Accidents
Logan, A. W.	75	2	.....	.....
Louisville-Lafayette Coal Co.	130,243	139	1	17
Lowery, Ray H.	.....	.....	.....	.....
1939 license, no report filed				
Lucia, Ben	215	2	.....	.....
Maitland Fuel & Caliente Coal Co's.	2,912	54	.....	.....
Major Coal Co.	14,579	32	.....	3
Maloney, Joe	3,271	14	.....	1
1939 license, no report filed				
Mancos Coal Co.	968	8	.....	.....
Manley Coal Mining Co.	6,615	14	1	1
Manning, O. V.	851	3	.....	.....
Marinelli, Mike	187	2	.....	.....
Martin Coal Co.	2,812	4	.....	1
Martorano & Son	1,262	4	.....	.....
McBroom, Charley	15	1	.....	.....
McCune & Boscia	494	6	.....	.....
McDowell, James	428	2	.....	.....
McLaughlin Coal Co.	10,114	22	.....	5
McNeil Coal Corp.	79,284	77	.....	5
McPhail & Son	150	1	.....	.....
Meggison & Littleton	8,376	10	.....	3
Mesa County Quality Coal Co.	923	2	.....	1
Micheli, Pio	9,864	16	1	1
Minnequa Fuel Co.	28,395	37	.....	3
Mitchell, Lyle	901	3	.....	.....
Moffat Coal Co.	124,571	233	1	19
Monarch Coal Co.	1,014	3	.....	.....
Morasky, Joe	2,923	5	.....	.....
Moschetti, Tony	702	3	.....	.....
1939 license, no report filed				
Mount Carbon Anthracite Co.	1,087	5	.....	.....
Mount Streeter Coal Co.	11,691	7	.....	2
Murrell, James	326	2	.....	.....
National Fuel Co.	161,123	251	.....	33
Nerone & Rigerozzi Bros.	None	.....	.....	.....
1939 license, mine closed				
Newland, Bordy	4,500	4	.....	.....
Nogo, John	396	2	.....	.....
North Park Coal Co.	13,551	20	.....	1
Nushaft Canon Coal Co.	36,433	43	.....	4
O K Coal Co.	4,648	7	.....	.....
Oliver Coal Co.	73,456	64	.....	2
Owen, William	339	1	.....	.....
Owens, Louis	359	2	.....	.....
Ottman, Robert	247	2	.....	.....
Paolazzi & Moda	1,339	2	.....	.....
Paonia Farmers Coal Co.	4,755	4	.....	.....
Paramount Coal Co.	424	5	.....	1
Park Coal Co.	4,459	6	.....	2
Park, Daniel	8,701	6	.....	.....
Partch Bros.	345	3	.....	.....
Patton, Lloyd L.	3,634	5	.....	.....
Peachey Coal Co.	6,735	18	.....	2
Peaks Coal Co.	117	2	.....	.....
Peerless Coal Co.	1,070	2	.....	.....
Perino Coal Co.	5,448	7	.....	2
Petry Bros.	250	2	.....	.....
Pikes Peak Fuel Division of the Golden Cycle Corp.	182,873	127	.....	11

TABLE NO. 2—Continued

COMPANIES	Total Production	Average No. of Men Employed	No. of Fatal Accidents	No. of Non-Fatal Accidents
Pine Cliff Coal Co.	3,200	6	.....	1
Pioneer Coal Co.	500	3	.....	.....
Pittsburgh Coal Co.	1,161	3	.....	.....
Placita Coal Co.	998	3	.....	.....
Pluto Coal Mining Co.	14,801	22	.....	2
Pollard, C. F.	677	1	.....	.....
Pollo, John Jr.	None	.....	.....	.....
1939 license, mine closed				
Premier Coal Co.	1,376	4	.....	2
Pryor Coal Mining Co.	71,545	118	1	2
Rabska & McCall	266	2	.....	.....
Rainbow Coal Co.	434	2	.....	.....
Red Ash Coal Co.	7,260	14	.....	3
Red Glow Blacksmith C. & C. Co.	.....	.....	.....	.....
1939 license, no report filed				
Redwood Mining Co.	135	2	.....	.....
Reish, Orrel O.	50	2	.....	.....
Rienau, R. C.	837	2	.....	.....
Rifle Coal Mines Inc.	735	2	.....	.....
Riggs, W. E.	1,662	3	.....	.....
Ritchneg, John	.....	.....	1	.....
No license, driving prospect tunnel				
Rocchio, Tony	3,184	8	.....	.....
Rocky Mountain Fuel Co.	383,724	484	1	59
Rogers Bros.	840	2	.....	.....
Rolfes, George T.	7,202	8	.....	.....
Ross Coal Co.	1,995	4	.....	.....
Royal Gorge Coal Co.	7,040	16	.....	3
Russell, Wm. E. Coal Co.	74,705	95	.....	12
Sanches Family	1,103	2	.....	.....
Sandoval & Garcia	1,384	4	.....	.....
Santa Clara Coal Co.	15,700	28	.....	4
Santa Fe Coal Co.	479	3	.....	.....
Serroni, Otto	.....	.....	.....	.....
1939 license, no report filed				
Seven Points Coal Co.	458	2	.....	.....
Shamrock Coal Co. (Huerfano)	3,051	4	.....	.....
Shamrock Coal Co. (Weld)	31,432	58	.....	1
Simola Fuel & Supply Co.	926	5	.....	1
Sipe, Martin & McDowell	1,658	4	.....	.....
Sleepy Cat Coal Co.	653	5	.....	.....
South Canon Mine Leasing Co.	16,775	17	.....	5
So. Monarch Fuel & Gas Co.	908	3	.....	.....
Spencer, George S.	75	1	.....	.....
Staley, M. E.	3,315	3	.....	.....
Stander, Joe	159	2	.....	.....
Staples, S. L. & Son	1,112	2	.....	.....
Starkville Coal Co.	2,755	4	.....	.....
States-Hall Coal Co.	1,435	2	.....	2
States, Welland W.	3,336	4	.....	.....
Steele, George	4,004	6	.....	.....
Stiers, C. J.	645	2	.....	.....
Stoddard, Mrs. W.	186	3	.....	.....
Stove Canon Coal Co.	5,306	6	.....	.....
Strawberry Coal Co.	1,867	4	.....	.....
Streenan, John	2,922	6	.....	.....
Stukey, Daniel	72	2	.....	.....
Sunrise Coal Co.	494	3	.....	.....
Sunshine Coal Co.	2,954	2	.....	1

TABLE NO. 2—Continued

COMPANIES	Total Production	Average No. of Men Employed	No. of Fatal Accidents	No. of Non-Fatal Accidents
Sunshine Mining Co.	610	2	.....	.....
Supancic, Louis	6,007	8	.....	.....
Temple Fuel Co.	1,181	97	.....	.....
No 1939 license, no report filed				
Templeton, D. W.	287	2	.....	.....
Terry, H. F. & Sons	174	3	.....	.....
Thompson, Harry	None	.....	.....	.....
1939 license, mine closed				
Thor Fuel Co.	12,482	29	.....	6
Tipotsch, Frank	346	1	.....	.....
1939 license, incomplete report				
Toller Coal Co.	2,728	45	.....	.....
Tompkins, J. G. & Sons	304	3	.....	.....
Tow Creek Coal Co.	150	1	.....	.....
Trinidad Supply Coal Co.	132	2	.....	.....
United States Vanadium Corp.	25,140	23	.....	4
Valdez, Felix & Partners	701	6	.....	.....
Van Meter, J. R. & Sons	1,827	4	.....	.....
Vigil, Albert	426	2	.....	.....
Vickers Coal Co.	45,888	70	.....	4
Victor-American Fuel Co.	384,681	672	4	76
Walker Coal Co.	1,862	7	.....	1
Walker & Huntington	1,351	3	.....	.....
Weghorst, H. C.	117	4	.....	.....
West & Bittick	12	2	.....	.....
Western Star Coal Co.	499	2	.....	.....
Whicker, H. L. & Son	51	1	.....	.....
White Ash Coal Co.	491	4	.....	.....
Wieland, E. C.	.....	.....	.....	.....
1939 license, no report filed				
Wilhite, A. L.	680	3	.....	.....
Wiltse, Alan C.	986	3	.....	.....
Winton Coal Co.	3,640	4	.....	.....
Zaptiff, Ross	445	3	.....	.....
Zieseniss, Henry	1,190	2	.....	.....
TOTAL OF STATE	5,991,022	8,413	26	699

TABLE NO. 3

MINE FATALITIES BY CAUSES, 1935-1939 INCLUSIVE
(As Per Revised Government Form)

CAUSES	YEARS				
	1935	1936	1937	1938	1939
Underground:					
1. Falls of roof (rock, coal or draw slate)	10	3	9	12	13
2. Roof fall due to car or machine knocking out post	....	....	....	....	....
3. Falls of face or rib	1	11	6	6	2
4. Rush of coal, rock or gob	....	....	....	....	....
5. Other falling material or objects (not being handled by injured worker)	....	....	....	....	1
6. Falls of persons	....	....	....	....	....
7. Handling materials	....	....	....	....	....
8. Hand tools	....	....	....	....	1
9. Stepping on nails or other sharp objects	....	....	....	....	....
10. Striking or bumping against objects	....	....	....	....	....
11. Mine cars and mine locomotives	3	2	3	5	4
12. Explosions of gas or coal dust	....	8	....	....	1
13. Explosives (not including those in No. 12)	5	1	1	....	....
14. Electricity (not resulting in explosions)	....	....	2	3	3
15. Machinery	1	....	....	2	1
16. Suffocation from natural gases (not from mine fires or explosions)	....	....	1	....	....
17. Mine fires (burns, suffocations, etc.)	....	....	....	....	....
18. All other accidents underground	1	....	....	....	....
Total Underground	21	25	23	28	26
19. Shaft and slope	2	....	....	1	....
20. Falls or slides of coal or overburden	....	....	....	....	....
Surface (including tipple, breaker, shops & yards)					
34. Mine cars and mine locomotives	1	....	1	....	....
35. Railway cars and locomotives	1	....	....	....	....
36. Handling materials	....	....	....	....	....
37. Hand tools	....	....	....	....	....
38. Falls of persons	....	....	....	1	....
39. Falling objects	....	....	....	....	....
40. Machinery on surface	....	....	....	....	....
41. Electricity	....	1	....	....	....
42. Explosives	....	....	....	1	....
43. All other surface accidents	1	3	....	....	....
Total Surface	5	4	1	3	....
GRAND TOTAL	26	29	24	31	26

NUMBER INJURED IN COAL MINES IN COLORADO DURING THE YEAR ENDED DEC. 31, 1939

Government Classification

Time Lost—5 or More Days

CAUSES

Underground

1.	Falls of roof (rock, coal or draw slate)	106
2.	Roof falls due to car or machine knocking out post	9
3.	Falls of face or rib	63
4.	Rush of coal, rock or gob	12
5.	Other falling material or objects (not being handled by injured worker)	3
6.	Falls of persons	29
7.	Handling materials	24
8.	Hand tools	35
9.	Stepping on nails or other sharp objects	....
10.	Striking or bumping against objects	3
11.	Mine cars and mine locomotives	94
12.	Explosions of gas or coal dust	1
13.	Explosives (not including those in No. 12)	3
14.	Electricity (not resulting in explosions)	7
15.	Machinery	51
16.	Suffocation from natural gases (not from mine fires or explosions)	....
17.	Mine fires (burns, suffocations, etc.)	....
18.	All other accidents underground	203
	TOTAL UNDERGROUND	643
19.	Shaft and slope	1
20.	Falls or slides of coal or overburden	....

Surface (including tipple, breaker, shops & yards)

34.	Mine cars and mine locomotives	10
35.	Railway cars and locomotives	1
36.	Handling materials	6
37.	Hand tools	4
38.	Falls of persons	12
39.	Falling objects	5
40.	Machinery on surface	6
41.	Electricity	1
42.	Explosives	....
43.	All other surface accidents	10
	TOTAL SURFACE	56
	GRAND TOTAL	699

TABLE NO. 4

SHOWING BY COUNTIES, MINES OPERATED, NAME OF OPERATOR AND ADDRESS OF MINE, CHARACTER OF COAL, NUMBER OF DAYS WORKED, AVERAGE NUMBER OF MEN EMPLOYED, TOTAL NUMBER OF TONS OF COAL PRODUCED IN 1939, AND CAPACITY OF MINE PER DAY IN TONS.

ARCHULETA COUNTY

Name of Mine	Name of Company	Mine Postoffice	Character of Coal	Number of Days Worked	Average No. of Men Employed	Total Number of Tons Produced	Capacity of Mine Per Day, Tons
Columbine	Crane, Leroy R.	Bayfield	Sub-bituminous	185	3	1,587	20
Shamrock	Bierce, James A.	Bayfield	Sub-bituminous	128	2	492	10
Cox	Cox, T. L.	Pagosa Springs	Sub-bituminous	116	1	276	.....
McBroom	McBroom, Charley	Farmington, N. M.	Sub-bituminous	8	1	15	3
Number	of mines licensed: 5		Average "Man days"	133.6	7	2,370	33

BOULDER COUNTY

Centennial	Boulder Valley Coal Co.	Louisville	Sub-bituminous	240	183	169,535	1,500
Hi-Way	Louisville-Lafayette Coal Co.	Broomfield	Sub-bituminous	202	139	130,243	1,000
Industrial	Rocky Mountain Fuel Co.	Superior	Sub-bituminous	148	127	83,218	600
Monarch No. 2	National Fuel Co.	Broomfield	Sub-bituminous	120	56	46,910	400
Black Diamond No. 2	Black Diamond Fuel Co.	Lafayette	Sub-bituminous	278	55	41,367	450
Crown	Wm. E. Russell Coal Co.	Superior	Sub-bituminous	237	23	25,111	250
Regal	Gaspar, Louis	Louisville	Sub-bituminous	292	36	24,607	150
Lewis No. 2	Courtier, Harris	Gorham	Sub-bituminous	252	22	22,166	150
Pluto No. 2	Pluto Coal Mining Co.	Superior	Sub-bituminous	186	22	14,801	125
Liley	Liley & Merlino	Louisville	Sub-bituminous	183	17	10,983	100

TABLE NO. 4—Continued

BOULDER COUNTY—Continued

Name of Mine	Name of Company	Mine Postoffice	Character of Coal	Number of Days Worked	Average No. of Men Employed	Total Number of Tons Produced	Capacity of Mine Per Day, Tons
Gorham	McLaughlin Coal Co.	Superior	Sub-bituminous	165	22	10,114	100
Big 5	Big 5 Coal Co.	Boulder	Sub-bituminous	293	4	8,397	30
Fireside	Ko-Z Coal Mining Co.	Louisville	Sub-bituminous	196	11	6,801	70
High View	High View Coal Co.	Gorham	Sub-bituminous	181	5	4,798	50
Pine Cliff	Pine Cliff Coal Co.	Marshall	Sub-bituminous	135	6	3,200	30
Ross	Ross Coal Co.	Gorham	Sub-bituminous	257	4	1,995	15
Premier	Premier Coal Co.	Boulder	Sub-bituminous	247	4	1,376	10
Pittsburgh	Pittsburgh Coal Co.	Boulder	Sub-bituminous	282	3	1,161	10
Eldorado	Eldorado Coal Co.	Broomfield	Sub-bituminous	32	6	869	.....
O. K.	Zaptiff, Ross	Boulder	Sub-bituminous	90	3	445	7
Paramount	Paramount Coal Co.	Lafayette	Sub-bituminous	44	5	424	.....
Marshall	Logan, A. W.	Boulder	Sub-bituminous	10	2	75	.....
Number	of mines licensed: 22		Average "Man days"	203.6	755	608,596	5,047

DELTA COUNTY

King	Juanita Coal & Coke Co.	Bowie	Bituminous	118	40	35,903	1,000
Green Valley	Green Valley Coal Co.	Cedaredge	Semi-bituminous	274	6	7,344	50
Paonia Farmers	Paonia Farmers Coal Co.	Paonia	Bituminous	207	4	4,755	22
Winton	Winton Coal Co.	Austin	Bituminous	255	4	3,640	100
Red Canon	Patton, Lloyd L.	Cedaredge	Semi-bituminous	232	5	3,634	30
Top	States, Welland W.	Cedaredge	Semi-bituminous	236	4	3,336	40
States-Red Mountain	States-Hall Coal Co.	Cedaredge	Semi-bituminous	206	2	1,435	20
Black Diamond	Eckert, J. Andrew	Cedaredge	Semi-bituminous	150	3	1,245	10
Independent	Independent Fuel Co.	Cedaredge	Sub-bituminous	96	3	868	50
Ideal	Independent Fuel Co.	Cedaredge	Sub-bituminous	88	2	757	25

DELTA COUNTY—Continued

Western Star	Western Star Coal Co.	Cedaredge	Semi-bituminous	44	2	499	10
Farmers	Owens, Louis	Hotchkiss	Sub-bituminous	120	2	359	10
Fitzsimmons	Fitzsimmons, E. A.	Paonia	Semi-bituminous	60	3	354	10
Jenkins & Lewis	Jenkins & Lewis Coal Co.	Paonia	Bituminous	49	2	198	8
Burdick	Jackson, R. M.	Hotchkiss	Sub-bituminous	25	2	89	5
Gelwick	Cordray & Spohr	Paonia	Bituminous	60	2	77	5
Number	of mines licensed: 16		Average "Man days"	144.4	86	64,493	1,395

ELBERT COUNTY

White Ash	Newland, Bordy	Matheson	Sub-bituminous	180	4	4,500	50
Barker	Barker Coal Co.	Matheson	Sub-bituminous	290	3	2,181	50
Beaver Valley	Dalrymple, J. M.	Agate	Sub-bituminous	148	4	1,342	5
Stander	Stander, Joe	Ramah	Sub-bituminous	64	2	159	.....
Number	of mines licensed: 4		Average "Man days"	177.7	13	8,182	105

EL PASO COUNTY

Pikeview	The Pikes Peak Fuel Division of The Golden Cycle Corp.	Pikeview	Sub-bituminous	205	127	182,873	1,000
City Coal Mines	The Colorado Springs Co.	Colorado Springs	Sub-bituminous	256	44	38,371	400
Clara Bell	Clara Bell Coal Co.	Colorado Springs	Sub-bituminous	286	17	14,976	200
Franceville	Franceville Coal Co.	Colorado Springs	Sub-bituminous	212	6	3,823	25
Altitude (new)	Altitude Fuel Co.	Colorado Springs	Sub-bituminous	236	4	3,224	15
New Keystone	Streenan, John	Colorado Springs	Sub-bituminous	177	6	2,922	20
Jimmy Camp	Jimmy Camp Fuel Co.	Colorado Springs	Sub-bituminous	192	4	2,692	20
Busy Bee	Ausec, Frank	Colorado Springs	Sub-bituminous	310	3	2,184	30
Climax	Danville Coal Co.	Colorado Springs	Sub-bituminous	149	2	1,662	11
Cottonwood	Cottonwood Coal Co.	Colorado Springs	Sub-bituminous	217	2	901	4
Altitude	Altitude Fuel Co.	Colorado Springs	Sub-bituminous	Reports filed with Altitude (New)			
Number	of mines licensed: 11		Average "Man days"	222.6	215	253,628	1,728

TABLE NO. 4—Continued

FREMONT COUNTY

Name of Mine	Name of Company	Mine Postoffice	Character of Coal	Number of Days Worked	Average No. of Men Employed	Total Number of Tons Produced	Capacity of Mine Per Day, Tons
Chandler	Victor-American Fuel Co.	Chandler	Bituminous	151	235	105,420	850
Rockvale No. 3	Colorado Fuel & Iron Corp.	Canon City	Bituminous	196	99	71,020	500
Cedar Canon	Giuliano-Carpine Coal Co.	Florence	Bituminous	225	62	59,473	425
Caldirola	Caldirola Coal Co.	Florence	Bituminous	244	40	42,139	350
Double Dick	Double Dick Coal Co.	Florence	Bituminous	240	18	27,091	100
Rex Carbon	Nushaft Canon Coal Co.	Coal Creek	Bituminous	219	24	24,389	200
Canon Black Diamond	Canon Black Diamond Coal Co	Florence	Bituminous	211	28	24,193	.....
American Independent No. 2	Bluff Springs Leasing Co.	Florence	Bituminous	189	59	18,330	100
Canon Monarch	Canon Monarch Coal Co.	Florence	Bituminous	259	34	18,184	100
Canon National	Canon National Coal Co.	Florence	Bituminous	306	11	15,446	150
Canon Chief	Canon Chief Coal Co.	Florence	Bituminous	211	7	14,735	50
Corley No. 6	Corley, W. D., Jr.	Florence	Bituminous	230	17	12,069	300
Nushaft	Nushaft Canon Coal Co.	Coal Creek	Bituminous	164	19	12,044	100
Pine Gulch	Canon Monarch Coal Co.	Florence	Bituminous	236	13	10,747	75
Griffiths-Chandler Creek	Griffiths Coal Mining Co.	Canon City	Bituminous	172	20	9,676	100
Royal Gorge	Royal Gorge Coal Co.	Canon City	Bituminous	169	16	7,040	125
Manley	Manley Coal Mining Co.	Canon City	Bituminous	204	14	6,615	65
Newlan Creek	Perino Coal Co.	Florence	Bituminous	256	7	5,448	25
Canon Zenith	Duca, Joseph Z.	Florence	Bituminous	180	8	3,488	35
Brookside	Brookside Coal Mining Co., Inc.	Florence	Bituminous	136	9	3,400	35
Canon Tiger	Hiland Coal Mines, Inc.	Florence	Bituminous	235	4	3,071	25
O. K. Canon	Evans Coal Co.	Florence	Bituminous	118	6	2,385	25
Canon Eagle	Canon Eagle Coal Co.	Canon City	Bituminous	170	4	2,028	25
Canon Red Star	Baione, Joe	Canon City	Bituminous	176	7	1,948	5
Little Johnny	Little Johnny Coal Co.	Canon City	Bituminous	114	9	1,875	25
Red Arrow	Walker Coal Co.	Florence	Bituminous	158	7	1,862	25

FREMONT COUNTY—Continued

Horseshoe	Canon Blue Ribbon Coal Co.	Florence	Bituminous	58	13	1,833	30
American Independent No. 3	Corley, W. D., Jr.	Florence	Bituminous	152	11	1,754	100
Canon Imperial No. 3	Canon Imperial Coal Co.	Coal Creek	Bituminous	122	6	1,330	10
Annex	Annex Coal Co.	Florence	Bituminous	120	3	1,221	15
Canon Hiway	Falco, Adolph	Florence	Bituminous	77	4	984	10
Mountain View	Florence Coal Mines, Inc.	Florence	Bituminous	43	9	767	25
Canon Old Slope	Moschetti, Tony	Florence	Bituminous	131	3	702	.....
Bald	Bald Coal Co.	Florence	Bituminous	38	11	613	.....
Fawn Hollow	Fawn Hollow Coal Co.	Canon City	Bituminous	54	4	515	.....
Liberty	Canon Liberty Coal Co.	Canon City	Bituminous	76	2	499	.....
Willie No. 2	James, Lawrence	Florence	Bituminous	102	2	487	5
Di Giacomo	DiGiacomo, Tony	Coal Creek	Bituminous	170	2	485	5
Big Three (Dutch Oven)	Big Three Coal Co.	Canon City	Bituminous	71	3	417	5
White Ash No. 2	Florence Coal Co.	Florence	Bituminous	153	3	338	2
Canon Coal Creek	Canon Coal Creek Coal Co.	Coal Creek	Bituminous	146	1	265	2
Petry	Petry Bros.	Florence	Bituminous	32	2	250	3
Charm	Charm Coal Co.	Canon City	Bituminous	40	1	157	5
Sellers	Crescent Coal Co.	Chandler	Bituminous	20	3	75	5
Hillside	Hillside Coal Co.	Florence	Bituminous	30	3	68	4
Canon Ideal	Canon Ideal Coal Co.	Coal Creek	Bituminous	90	1	25	.....
Canon Central	Nerone & Rigerozzi Bros.	Florence	Bituminous		No report filed		
Canon Peacock	Canon Peacock Coal Co.	Florence	Bituminous		No production		
Number	of mines licensed: 48		Average "Man days"	179.7	864	516,901	4,041

GARFIELD COUNTY

South Canon	South Canon Mine Leasing Co.	Glenwood Springs	Bituminous	255	17	16,775	85
New Castle	Coles, W. E.	New Castle	Bituminous	231	6	8,580	100
Stove Canon	Stove Canon Coal Co.	Fruita	Bituminous	218	6	5,306	90
Gem	Gem Coal Co.	Glenwood Springs	Bituminous	164	5	2,233	.....
Llewellyn	Llewellyn Coal Co.	Silt	Bituminous	159	4	1,567	10

TABLE NO. 4—Continued

GARFIELD COUNTY—Continued

Name of Mine	Name of Company	Mine Postoffice	Character of Coal	Number of Days Worked	Average No. of Men Employed	Total Number of Tons Produced	Capacity of Mine Per Day, Tons
Harvey Gap	Paolazzi & Moda	New Castle	Bituminous	187	2	1,339	8
Zieseniss	Zieseniss, Henry	Rifle	Bituminous	162	2	1,190	20
I. H. I.	Haas, Bill	Rifle	Bituminous	212	2	990	6
North Canon	Rifle Coal Mines, Inc.	Rifle	Bituminous	132	2	735	5
Monger	Halcumb, N. H.	Fruita	Bituminous	40	3	475	20
Carbonera	Barber Asphalt Corp.	Mack	Bituminous	32	4	460	40
Kirchen	Terry, H. F. & Sons	Glenwood Springs	Bituminous	53	3	174	.....
Diamond	Diamond Fuel Co.	Glenwood Springs	Bituminous	66	3	152	10
Ohkraut	DeBoy, Frank	Glenwood Springs	Bituminous	190	1	44	.....
Number	of mines licensed: 14		Average "Man days"	177.8	60	40,020	394

GUNNISON COUNTY

Crested Butte	Colorado Fuel & Iron Corp.	Crested Butte	Bituminous	169	245	190,797	1,200
Somerset	Calumet Fuel Co.	Somerset	Bituminous	198	129	188,076	1,400
Oliver	Oliver Coal Co.	Somerset	Semi-bituminous	184	64	73,456	500
Alpine	Rocky Mountain Fuel Co.	Baldwin	Semi-bituminous	100	53	27,433	350
Bulkley No. 2	Crested Butte Coal Co.	Crested Butte	Bituminous	217	25	22,377	200
Bear	Bear Coal & Coke Co.	Somerset	Bituminous	110	21	16,091	200
Hawk's Nest	Audin, C. & Sons	Somerset	Bituminous	150	7	4,437	45
Edwards	Edwards, George W.	Somerset	Bituminous	165	4	3,296	30
New Baldwin	Rocky Mountain Fuel Co.	Baldwin	Semi-bituminous	57	3	2,197	40
Horace	Horace Miners Ass'n	Crested Butte	Anthracite	100	9	1,989	20

GUNNISON COUNTY—Continued

O. C.	Staples, S. L. & Son	Gunnison	Bituminous	199	2	1,112	4
Richardson	Mt. Carbon Anthracite Co.	Gunnison	Bituminous	225	5	1,087	10
Star	Baldwin Fuel Co.	Baldwin	Semi-bituminous	100	3	900	10
Carbon Creek	Carbon Creek Coal Co.	Gunnison	Bituminous	161	3	879	7
Hinkle	Hedley, W. H.	Gunnison	Semi-bituminous	130	2	780	15
Nu-Mine	Partch Bros.	Gunnison	Semi-bituminous	84	3	345	.....
Castle Rock	Castle Rock Coal Co.	Gunnison	Bituminous	95	1	259	5
Number	of mines licensed: 17		Average "Man days"	168.8	579	535,511	4,036

HUERFANO COUNTY

Kebler No. 2	Colorado Fuel & Iron. Corp.	Tioga	Bituminous	186	186	149,313	800
Robinson No. 4	Colorado Fuel & Iron. Corp.	Farr	Bituminous	241	151	131,364	800
Calumet No. 2	Calumet Fuel Co.	Delcarbon	Bituminous	188	87	81,839	500
Pryor	Pryor Coal Mining Co.	Pryor	Bituminous	201	118	71,545	400
Butte Valley	Butte Valley Coal Co.	Butte Valley	Bituminous	146	71	41,966	450
Gordon	Gordon Coal Co.	Walsenburg	Bituminous	115	46	29,888	600
Morning Glory	Minnequa Fuel Co.	Walsenburg	Bituminous	147	37	28,395	300
Rouse	Santa Clara Coal Co.	Walsenburg	Bituminous	111	28	15,700	100
Major	Major Coal Co.	Walsenburg	Bituminous	157	32	14,579	120
Blackhawk	Blackhawk Coal Mining Co.	Walsenburg	Bituminous	169	21	7,731	70
Leader No. 2	Red Ash Coal Co.	Walsenburg	Bituminous	178	14	7,260	40
Toltec	Aztec Coal Mining Co.	Toltec	Bituminous	185	34	5,590	150
Ravenwood	Caliente Coal Co., Jan., Feb. and Mar.; Giordano Coal Co., Bal. of year	Ravenwood	Bituminous	50	57	5,082	40
Oakdale	Peachey Coal Co.	La Veta	Bituminous	196	10	3,481	15
Nugget	Maloney, Joe	Rugby	Bituminous	100	14	3,271	.....
Ojo Canon	Peachey Coal Co.	La Veta	Bituminous	204	8	3,254	20
New Ideal	Ideal Coal Co.	Walsenburg	Bituminous	93	19	3,060	50
Shamrock	Shamrock Coal Co.	Walsenburg	Bituminous	180	4	3,051	20
Blue Blaze	Blue Blaze Coal Co.	Walsenburg	Bituminous	108	13	2,957	30
Maitland	Caliente Coal Co., Jan., Feb. and Mar.; Maitland Fuel Co., Bal. of year	Walsenburg	Bituminous	41	54	2,912	.....

TABLE NO. 4—Continued

HUERFANO COUNTY—Continued

Name of Mine	Name of Company	Mine Postoffice	Character of Coal	Number of Days Worked	Average No. of Men Employed	Total Number of Tons Produced	Capacity of Mine Per Day, Tons
Pitch Vein Niggerhead	Van Meter, J. R. & Sons	La Veta	Bituminous	116	4	1,827	4
Strawberry No. 1	Strawberry Coal Co.	Walsenburg	Bituminous	137	3	1,056	30
Aaron	Aaron Coal Co.	Pryor	Bituminous	103	6	896	25
Rogers	Rogers Bros.	La Veta	Bituminous	271	2	840	3
Strawberry No. 2	Strawberry Coal Co.	Walsenburg	Bituminous	71	1	811	20
Caddell	Caddell, Ed.	Walsenburg	Bituminous	83	7	682	10
New Sunnyside	McCune & Boscia	Walsenburg	Bituminous	20	6	494	10
Murrell	Murrell, James	La Veta	Bituminous	143	2	326	2
Sam George No. 3	Tompkins, J. G. & Sons	La Veta	Bituminous	64	3	304	6
Peaks	Peaks Coal Co.	Walsenburg	Bituminous	24	2	117	10
C. O. D. No. 2	Klikus Coal Co.	La Veta	Bituminous	20	2	225	3
Redwood	Redwood Mining Co.	Walsenburg	Bituminous	90	2	135	.....
Sam George	Downs, L. M.	La Veta	Bituminous	No production			
Number	of mines licensed: 33		Average "Man days"	162.4	1,044	619,951	4,628

JACKSON COUNTY

Moore Strip	North Park Coal Co.	Coalmont	Semi-bituminous	238	20	13,551	300
Marr	Barnell, George M.	Walden	Semi-bituminous	186	5	2,071	.....
Sudduth	Jackson, J. C.	Cowdrey	Semi-bituminous	200	3	848	15
Number	of mines licensed: 3		Average "Man days"	224.7	28	16,470	315

JEFFERSON COUNTY

Leyden No. 3	Leyden Lignite Co.	Leyden via Golden	Sub-bituminous	218	113	121,856	700
Caprock	Caprock Fuel Co.	Arvada	Sub-bituminous	256	21	30,059	250
Economy	Economy Coal Co.	Littleton	Sub-bituminous	220	6	4,100	.....
Virginia	Jefferson Coal Co.	Littleton	Sub-bituminous	66	6	2,610	.....
Number	of mines licensed: 4		Average "Man days"	217.3	146	158,625	950

LA PLATA COUNTY

Castle	Castle Coal Co.	Durango	Bituminous	254	13	9,404	100
O. K.	O. K. Coal Co.	Durango	Bituminous	106	7	4,648	60
Sunshine	Sunshine Coal Co.	Durango	Bituminous	221	2	2,954	21
Hunt	Hay Gulch Coal Co.	Hesperus	Bituminous	242	3	2,611	15
King	King Coal Co.	Durango	Bituminous	166	3	1,972	40
Durango	Durango Coal Co.	Durango	Bituminous	253	4	1,941	50
Coal King	Coal King Mining Co.	Hesperus	Bituminous	166	4	1,778	.....
Morning Star	Caranta Bros.	Durango	Bituminous	158	3	1,542	50
Hesperus	Hesperus Superior Coal Co.	Hesperus	Bituminous	212	3	1,395	50
Peerless	Peerless Coal Co.	Durango	Bituminous	123	2	1,070	.....
Black Diamond	Black Diamond Coal & Coke Co.	Durango	Bituminous	141	2	994	150
Hay Gulch	Wiltse, Alan C.	Hesperus	Bituminous	170	3	986	.....
Valley View	Manning, O. V.	Mancos	Bituminous	143	3	851	25
Fire Glow	Fire Glow Coal Co.	Falfa	Bituminous	348	2	632	18
Peacock	Blume, Alfred	Hesperus	Bituminous	200	2	625	10
Soda Springs	Crumpley, P. H.	Kline	Bituminous	100	2	420	.....
Ft. Lewis	Dufur, Xavier	Aztec, N. M.	Bituminous	135	2	381	40
Tipotsch	Tipotsch, Frank	Hesperus	Bituminous	116	1	346	.....
John Dill	Dill & Boglino	Durango	Bituminous	57	2	167	.....
Blue Jay	Davis, Robert L.	Bayfield	Bituminous	57	1	55	20
Excelsior	Batchelor & Richardson	Bayfield	Bituminous		No report filed		
Durkan	Durkan, James T.	Kline	Bituminous		No report filed		
Red Glow	Red Glow Blacksmith C. & C. Co.	Durango	Bituminous		No report filed		
Supreme	Serroni, Otto	Durango	Bituminous		No report filed		
Fire Chief	Wieland, E. C.	Bayfield	Bituminous		No report filed		
Number	of mines licensed: 25		Average "Man days"	187.8	64	34,772	649

TABLE NO. 4—Continued

LARIMER COUNTY

Name of Mine	Name of Company	Mine Postoffice	Character of Coal	Number of Days Worked	Average No. of Men Employed	Total Number of Tons Produced	Capacity of Mine Per Day, Tons
Ideal	Ideal Coal Co.	Carr	Sub-bituminous	198	3	1,343	25
Pioneer	Pioneer Coal Co.	Carr	Sub-bituminous	100	3	500	.....
White Rose	Nogo, John	Carr	Sub-bituminous	65	2	396	4
Bachy	Bachy Coal Co.	Carr	Sub-bituminous	177	4	209	3
Number	of mines licensed: 4		Average "Man days"	144.3	12	2,448	32

LAS ANIMAS COUNTY

Frederick	Colorado Fuel & Iron Corp.	Valdez	Bituminous	213	542	490,868	3,000
Morley	Colorado Fuel & Iron Corp.	Morley	Bituminous	189	159	120,583	1,000
Boncarbo	American Smelting & Ref. Co.	Cokedale	Bituminous	160	166	102,375	750
Delagua	Victor-American Fuel Co.	Delagua	Bituminous	176	143	95,025	500
Ludlow	Huerfano Coal Co.	Ludlow	Bituminous	124	108	46,636	500
Kenneth	Vickers Coal Co.	Rugby	Bituminous	190	70	45,888	400
Dix	Dick Coal Co.	Boncarbo	Bituminous	169	34	36,023	250
Bear Canon No. 6	Bear Canon Coal Co.	Vallorso	Bituminous	90	59	32,305	500
Creston	Jewell Collieries Corp.	Aguilar	Bituminous	102	42	16,638	250
Sopris No. 1	Deldosso Coal Co.	Sopris	Bituminous	172	27	16,448	94
Thor	Thor Fuel Co.	Trinidad	Bituminous	141	29	12,482	150
Rapson	Michelli, Pio	Rugby	Bituminous	136	16	9,864	200
Baldy	Meggison & Littleton	Trinidad	Bituminous	199	10	8,376	40
Daisy	Galli, Adam	Aguilar	Bituminous	203	7	5,458	45
Black Diamond	Aguilar Black Diamond C. Co.	Trinidad	Bituminous	212	10	3,435	100
Morasky	Morasky, Joe	Trinidad	Bituminous	256	5	2,923	10
Jeffryes	Jeffryes Fuel Co.	Trinidad	Bituminous	104	6	2,850	40
Gem	Giordano Coal Co.	Aguilar	Bituminous	190	9	2,782	15
New Starkville	Starkville Coal Co.	Trinidad	Bituminous	217	4	2,755	15
Eureka "Anchor"	Toller Coal Co.	Boncarbo	Bituminous	39	45	2,728	200

LAS ANIMAS COUNTY—Continued

Bowen	Home Fuel & Supply Co.	Trinidad	Bituminous	244	3	2,307	20
Lakeview No. 2	Glorioso & Iuppa	Trinidad	Bituminous	257	3	2,225	20
Forbes No. 9	Riggs, W. E.	Trinidad	Bituminous	256	3	1,662	10
Rugby No. 5	Sandoval & Garcia	Rugby	Bituminous	135	4	1,384	10
Martorano	Martorano & Son	Sopris	Bituminous	131	4	1,262	5
Brodhead No.9	Temple Fuel Co.	Mine closed Jan., 1939. No license	Bituminous	4	97	1,181	.....
Sanchez	Sanchez Family	Boncarbo	Bituminous	136	2	1,103	5
Aberdeen	Bowen, E. E.	Trinidad	Bituminous	12	15	964	100
Highway	Highway Coal Co.	Trinidad	Bituminous	128	2	935	10
Berwind Canon	Simola Fuel & Supply Co.	Ludlow	Bituminous	120	5	926	20
South Monarch	South Monarch Fuel & Gas Co.	Trinidad	Bituminous	109	3	908	40
Crystal	Bowman, Guillermo	Jansen	Bituminous	68	2	723	10
Forbes No. 10	Kazle, John	Trinidad	Bituminous	214	2	499	6
Sunrise	Sunrise Coal Co.	Trinidad	Bituminous	104	3	494	10
Santa Fe	Santa Fe Coal Co.	Trinidad	Bituminous	71	3	479	10
Rainbow	Rainbow Coal Co.	Trinidad	Bituminous	77	2	434	20
Pinon Canon	Vigil, Albert	Trinidad	Bituminous	100	2	426	6
Rugby No. 3	Valdez, Felix & Partners	Rugby	Bituminous	37	3	386	10
Garcia	Garcia, Benito	Dicks	Bituminous	31	2	352	2
Peacock	Hollingsworth, John A.	Trinidad	Bituminous	40	2	346	.....
Garfield	Garcia, Gus & Sons	Boncarbo	Bituminous	84	3	345	7
Prospect No. 1	Owen, William	Trinidad	Bituminous	40	1	339	10
Aguilar	Blahut, Mike	Aguilar	Bituminous	58	4	326	10
Sunflower	Valdez, Felix & Partners	Rugby	Bituminous	44	3	315	10
Berwind Canon No. 3	Abeyta, Alex	Trinidad	Bituminous	25	2	180	.....
Valley	Lucia, Ben	Sopris	Bituminous	56	2	215	3
Mary	Arcuri, Manuel	Trinidad	Bituminous	25	3	169	10
Boaglio No. 2	Boaglio, Mary	Trinidad	Bituminous	75	2	167	6
Skyline	McPhail & Son	Aguilar	Bituminous	27	1	150	4
Bloom	Trinidad Supply Coal Co.	Trinidad	Bituminous	47	2	132	2
Wegs	Weghorst, H. C.	Trinidad	Bituminous	39	4	117	6
Green Canon	Green Canon Coal Co.	Aguilar	Bituminous	54	1	116	2
Rugby 5½	Bratz, Nick	Rugby	Bituminous	15	3	82	3
Stonewall Valley	Arrowhead Coal Co.	Weston	Bituminous	30	1	26	2
Banner	West & Bittick	Aguilar	Bituminous	25	2	12	4
Number	of mines licensed: 54		Average "Man days"	160.3	1,687	1,078,129	9,202

TABLE NO. 4—Continued

MESA COUNTY

Name of Mine	Name of Company	Mine Postoffice	Character of Coal	Number of Days Worked	Average No. of Men Employed	Total Number of Tons Produced	Capacity of Mine Per Day, Tons
Cameo	Kerr Coal Co.	Cameo	Bituminous	184	45	32,759	300
Garfield	Garfield Coal Co.	Palisade	Bituminous	183	9	9,427	50
Mt. Garfield	Gearhart, B. & Sons	Palisade	Bituminous	302	8	7,130	60
River View	Supancic, Louis	Cameo	Bituminous	200	8	6,007	25
Winger	Clarke Coal Co.	Palisade	Bituminous	165	6	4,524	50
Palisade	Hicks & Sons	Palisade	Bituminous	193	6	4,139	75
Farmers No. 1	Rocchio, Tony	Grand Junction	Bituminous	209	8	3,184	25
Blue Flame	Martin Coal Co.	Palisade	Bituminous	138	4	2,812	40
McGinley	Hicks, Ernest	Grand Junction	Bituminous	160	3	2,393	25
Midwest	Hughes, Wm.	Palisade	Bituminous	169	4	2,142	30
Hidden Treasure	Hidden Treasure Coal Co.	Fruita	Bituminous	90	5	1,725	.....
Riverside-Farmers	Sipe, Martin & McDonald	Palisade	Bituminous	172	4	1,658	20
Williams	Monarch Coal Co.	Grand Junction	Bituminous	158	3	1,014	10
Thomas	Aquilla, Tony	Grand Junction	Bituminous	134	6	998	15
Nearing	Mesa County Quality Coal Co.	Fruita	Bituminous	160	2	923	.....
Grasso	Nunzio, Grasso	Grand Junction	Bituminous	180	2	480	3
Mt. Lincoln	McDowell, James	Palisade	Bituminous	172	2	428	6
Coal Gulch	Coal Gulch Coal Co., Jan., Feb. and Mar. Kruzich & Zang	Loma	Bituminous	55	2	352	10
Corcoran	Ottman, Robert	Grand Junction	Bituminous	104	2	247	2
Marinelli	Marinelli, Mike	Fruita	Bituminous	37	2	187	10
Hunter	Baughman, L. D.	Loma	Bituminous	40	3	75	20
Black Diamond	Albright & Warner	Grand Junction	Bituminous		No report filed		
Peacock	Craig, L. L.	Grand Junction	Bituminous		No report filed		
Number	of mines licensed: 23		Average "Man days"	174.7	134	82,604	776

MOFFAT COUNTY

Streeter	Domestic Coal Co.	Craig	Bituminous	258	14	29,231	300
Mt. Streeter	Mt. Streeter Coal Co.	Axial	Bituminous	300	7	11,691	50
Knez	Knez, Joe L.	Craig	Bituminous	215	13	10,495	.....
James	Hart, G. G. & Sons	Meeker	Bituminous	236	3	2,738	25
Wise	Babb, John, Jr.	Craig	Bituminous	46	3	864	10
White Ash	Lee, H. A.	Vernal, Utah	Bituminous	100	2	449	6
Wise Hill Pinnacle	Fields & Jones	Craig	Bituminous	126	2	299	25
Little Bear	Kawcak, Panko	Craig	Bituminous	17	2	91	6
Walker	Levkulich, George	Craig	Bituminous	37	1	90	5
Baker	Barmettler, A. E. (Deceased)	Craig	Bituminous	14	2	66	10
Wisconsin	Whicker, H. L. & Son	Lay	Bituminous	32	1	51	2
Number	of mines licensed: 11		Average "Man days"	198.7	50	56,065	439

MONTEZUMA COUNTY

Willden	Ainsworth, H. A.	Mancos	Bituminous	235	4	1,744	15
Mancos	Mancos Coal Co.	Mancos	Bituminous	114	8	968	.....
Montezuma	Kingrey, Walter	Cortez	Bituminous	180	3	849	.....
Mesa Verde	Wilhite, A. L.	Cortez	Bituminous	204	3	680	.....
Spencer	Spencer, George S.	Mancos	Semi-bituminous	50	1	75	2
Pinos Altos	French, W. A.	Cortez	Bituminous	30	1	62	2
Gantz	Gantz, Daniel	Cortez	Semi-bituminous	19	3	55	3
Number	of mines licensed: 7		Average "Man days"	136.6	23	4,433	22

MONTROSE COUNTY

U. S. Vanadium	United States Vanadium Corp.	Nucla	Sub-bituminous	284	23	25,140	90
Liberty Bell	Mitchell, Lyle	Nucla	Sub-bituminous	209	3	901	5
Sunshine	Sunshine Mining Co.	Nucla	Sub-bituminous	100	2	610	6
Independence	Fagan, Leo F.	Nucla	Sub-bituminous	150	3	507	10
Cimmarron	Cromie, D. W.	Cimmarron	Sub-bituminous	150	1	454	10
Pleasant Valley	Holder, Worth L.	Nucla	Sub-bituminous	31	2	63	.....
Happy Canon	Blair, C. L.	Montrose	Sub-bituminous		No production		
Number	of mines licensed: 7		Average "Man days"	235.8	34	27,675	121

TABLE NO. 4—Continued

OURAY COUNTY

Name of Mine	Name of Company	Mine Postoffice	Character of Coal	Number of Days Worked	Average No. of Men Employed	Total Number of Tons Produced	Capacity of Mine Per Day, Tons
Burro Creek	Johnson, Claude L.	Montrose	Sub-bituminous	100	2	300	10
Columbine	Lowery, Ray H.	Ridgway	Sub-bituminous		No report filed		
Number	of mines licensed: 2			100	2	300	10

PITKIN COUNTY

Placita	Placita Coal Co.	Carbondale	Bituminous	114	3	998	50
Number	of mines licensed: 1			114	3	998	50

RIO BLANCO COUNTY

White River	Staley, M. E.	Rangely	Bituminous	80	3	3,315	15
Rio Blanco	Adair, Ivor	Rio Blanco	Bituminous	130	2	890	20
Rienau	Rienau, R. C.	Meeker	Bituminous	185	2	837	8
Gentry	Gozzer, Pete	Meeker	Bituminous	60	2	728	12
Rector	Baxter, Arthur	Rangely	Bituminous	91	1	678	.....
New Pollard	Pollard, C. F.	Meeker	Bituminous	170	1	677	25
Nine Mile	Stiers, C. J.	Meeker	Bituminous	82	2	645	11
McKee	Rabska & McCall	Meeker	Bituminous	46	2	266	10
North Meeker	Brenton, H. F.	Meeker	Bituminous	49	2	104	2
Number	of mines licensed: 9		Average "Man days"	94.4	17	8,140	103

ROUTT COUNTY

Mt. Harris	Colorado & Utah Coal Co.	Mount Harris	Bituminous	148	194	167,347	1,750
Hayden No. 3	Hayden Coal Co.	Haybro	Bituminous	125	207	126,591	1,200
Moffat No. 1 & No. 2	Moffat Coal Co.	Oak Creek	Bituminous	109	233	124,571	4,000
Pinnacle	Victor-American Fuel Co.	Oak Creek	Bituminous	140	172	105,481	1,000
Wadge	Victor-American Fuel Co.	Mount Harris	Bituminous	107	122	78,755	1,000
Keystone	Keystone Coal Co.	Routt	Bituminous	130	103	60,859	700
Bear River	Bear River Coal Co.	Bear River	Bituminous	55	73	22,684	500
Hayden Valley	Coryell, Frank	Hayden	Bituminous	144	21	11,195	100
McGregor	Park, Daniel	McGregor	Bituminous	239	6	8,701	100
Grassy Creek	Hayden Coal Co.	Mount Harris	Bituminous	110	10	5,781	100
Argo Gulch	Rolfes, George T.	Oak Creek	Bituminous	231	6	4,709	20
Apex	Steele, George	Oak Creek	Bituminous	130	6	4,004	30
Babson	Babson Coal Co.	Hayden	Bituminous	183	4	2,846	50
Webber	Rolfes, George T.	Oak Creek	Bituminous	260	2	2,493	15
Bruce Walker	Walker & Huntington	Hayden	Bituminous	188	3	1,351	15
Sleepy Cat	Sleepy Cat Coal Co.	Hayden	Bituminous	120	5	653	.....
Daves Grand Baby	Linn, David D.	Oak Creek	Bituminous	100	5	554	.....
Postal	Hubbard, Frank D.	Oak Creek	Bituminous	125	3	492	10
Seven Points	Seven Points Coal Co.	Phippsburg	Bituminous	90	2	458	20
Block	Block Coal Co.	Clark	Bituminous	159	3	443	10
Middle Creek	Hazen, Henry R.	Oak Creek	Bituminous	101	5	387	6
Hammond	Hammond, W. C.	Mount Harris	Bituminous	60	2	368	15
Big Mack	Templeton, D. W.	Oak Creek	Bituminous	42	2	287	6
Jones	Jones, R. C.	Bear River	Bituminous	26	2	194	.....
Chergo	Chergo, Tom	Oak Creek	Bituminous	110	2	171	15
Tow Creek	Tow Creek Coal Co.	Milner	Bituminous	15	1	150	6
Hi-Heat	Hi-Heat Coal Co.	Milner	Bituminous	50	1	76	.....
Fish Creek	Stukey, Daniel	Steamboat Springs	Bituminous	10	2	72	10
Little Male	Hutton, G. D.	Oak Creek	Bituminous	40	1	60	10
Edna	Edna Coal Co.	Oak Creek	Bituminous	14	2	57	.....
Blue Spruce	Reish, Orrel O.	Oak Creek	Bituminous	20	2	50	5
Morgan	Pollo, John, Jr.	Steamboat Springs	Bituminous	No production			20
Wonder Valley	Thompson, Harry	Steamboat Springs	Bituminous	No production			
Number	of mines licensed: 33		Average "Man days"	122.6	1,202	731,840	10,713

TABLE NO. 4—Continued

SAN MIGUEL COUNTY

Name of Mine	Name of Company	Mine Postoffice	Character of Coal	Number of Days Worked	Average No. of Men Employed	Total Number of Tons Produced	Capacity of Mine Per Day, Tons
Keck-Reliance	Crisp, Earl M.	Norwood	Bituminous	120	3	434	6
O. K.	Knowlton, W. H.	Norwood	Bituminous	89	1	274	.....
Gray	Stoddard, W.	Norwood	Bituminous	43	3	186	5
Elder	Elder, Gene	Norwood	Bituminous	100	1	145	10
Horton	Horton Coal Co.	Norwood	Bituminous	68	1	142	3
Number	of mines licensed: 5		Average "Man days"	82.9	9	1,181	24

WELD COUNTY

Columbine	Rocky Mountain Fuel Co.	Serene	Sub-bituminous	242	201	227,554	800
Imperial	Imperial Coal Co.	Erie	Sub-bituminous	169	127	128,903	1,200
Boulder Valley	Boulder Valley Coal Co.	Erie	Sub-bituminous	140	139	111,297	1,000
Morrison	Clayton Coal Co.	Erie	Sub-bituminous	217	88	101,147	1,500
Clayton	Clayton Coal Co.	Erie	Sub-bituminous	176	116	92,850	1,000
Baum	Consolidated Coal & Coke Co.	Dacono	Sub-bituminous	156	104	84,948	1,000
Sterling	McNeil Coal Corp.	Dacono	Sub-bituminous	137	77	79,284	1,000
Eagle	National Fuel Co.	Erie	Sub-bituminous	245	103	66,086	1,000
Russell	Russell, Wm. E. Coal Co.	Frederick	Sub-bituminous	145	72	49,594	600
Puritan	National Fuel Co.	Dacono	Sub-bituminous	53	92	48,127	900
Grant	Rocky Mountain Fuel Co.	Frederick	Sub-bituminous	70	100	43,322	650
Graden	Graden Coal Co.	Dacono	Sub-bituminous	149	39	38,508	300
Shamrock	Shamrock Coal Co.	Erie	Sub-bituminous	67	58	31,432	500
Evans	Carbon Coal Co.	Frederick	Sub-bituminous	249	24	23,117	300
Monroe	Park Coal Co.	Erie	Sub-bituminous	139	6	4,459	40

WELD COUNTY—Continued

Bohlender	Bohlender Coal Co.	La Salle	Sub-bituminous	255	5	2,121	20
Diamond	Diamond Coal Co.	La Salle	Sub-bituminous	176	5	1,895	20
Buddy	Buddy Coal Co.	Greeley	Sub-bituminous	130	5	1,012	20
Comet	Comet Coal Co.	Eaton	Sub-bituminous	145	6	980	15
White Ash	White Ash Coal Co.	La Salle	Sub-bituminous	93	4	491	8
Tamoc	Brundy, R. L.	Cornish	Sub-bituminous	81	3	300	10
Black Nugget	Black Nugget Coal Co.	La Salle	Sub-bituminous	28	3	212	5
Keota	Keota Coal Co.	Briggsdale	Sub-bituminous	40	2	51	.....
Galeton	Castleman, Walter	Galeton	Sub-bituminous		No report filed		
Number	of mines licensed: 24		Average "Man days"	162.7	1,379	1,137,690	11,888
Total of State	Number of mines licensed: 382		Average "Man days"	165.35	8,413	5,991,022	56,701

STATE LIBRARY

SHOWING INCREASE AND DECREASE OF COAL PRODUCTION BY COUNTIES—1938-1939

Counties	1938	1939	Increase	Decrease
Archuleta	597	2,370	1,773	.....
Boulder	593,596	608,596	15,000	.....
Delta	56,671	64,493	7,822	.....
Douglas	291	.....	.....	291
Elbert	4,246	8,182	3,936	.....
El Paso	265,489	253,628	.....	11,861
Fremont	473,906	516,901	42,995	.....
Garfield	47,877	40,020	.....	7,857
Gunnison	524,188	535,511	11,323	.....
Huerfano	595,602	619,951	24,349	.....
Jackson	14,985	16,470	1,485	.....
Jefferson	160,142	158,625	.....	1,517
La Plata	39,445	34,772	.....	4,673
Larimer	2,486	2,448	.....	38
Las Animas	820,216	1,078,129	257,913	.....
Mesa	67,550	82,604	15,054	.....
Moffat	37,048	56,065	19,017	.....
Montezuma	5,356	4,433	.....	923
Montrose	26,529	27,675	1,146	.....
Ouray	101	300	199	.....
Pitkin	872	998	126	.....
Rio Blanco	6,564	8,140	1,576	.....
Routt	747,760	731,840	.....	15,920
San Miguel	1,607	1,181	.....	426
Weld	1,229,775	1,137,690	.....	92,085
TOTALS	5,722,899	5,991,022		
Increase			268,123	

PRODUCTION BY COUNTIES BY MONTHS, 1939

	Archuleta	Boulder	Delta	Elbert	El Paso	Fremont
Jan.	72	91,103	6,547	626	31,705	59,880
Feb.	179	83,893	7,242	531	31,492	64,895
Mar.	55	64,239	4,668	519	28,436	47,816
Apr.	35	36,457	4,091	100	21,317	28,081
May	50	14,254	2,423	49	13,978	10,392
June	19	14,551	1,427	23	11,115	12,355
July	63	13,550	2,284	27	10,414	12,192
Aug.	75	23,810	2,669	67	13,847	35,737
Sept.	229	51,422	5,356	161	15,367	46,558
Oct.	262	70,782	7,453	672	20,307	62,994
Nov.	539	65,307	6,660	822	25,255	60,061
Dec.	501	75,207	6,885	886	29,875	56,993
*Annual	291	4,021	6,788	3,699	520	18,947
Totals	2,370	608,596	64,493	8,182	253,628	516,901

	Garfield	Gunnison	Huerfano	Jackson	Jefferson	La Plata
Jan.	5,299	52,972	54,350	1,927	18,015	3,874
Feb.	4,893	50,826	61,923	1,718	17,938	4,021
Mar.	3,738	41,058	62,758	1,176	15,366	2,333
Apr.	2,261	28,681	51,131	495	13,780	940
May	1,471	17,340	19,561	317	8,177	1,036
June	1,402	22,400	29,434	465	8,997	1,272
July	1,285	21,800	37,440	718	8,740	997
Aug.	1,630	48,635	52,875	767	10,287	1,215
Sept.	3,123	58,530	57,346	1,764	10,082	2,535
Oct.	4,999	69,493	67,920	2,343	13,142	3,735
Nov.	3,971	71,688	66,647	2,043	17,141	3,389
Dec.	4,135	47,702	56,219	1,822	16,077	3,085
*Annual	1,813	4,386	2,347	915	883	6,340
Totals	40,020	535,511	619,951	16,470	158,625	34,772

	Larimer	Las Animas	Mesa	Moffat	Montezuma	Montrose
Jan.	407	76,960	8,973	5,889	501	2,289
Feb.	357	78,899	7,653	4,734	167	2,269
Mar.	171	99,425	6,928	2,531	171	2,226
Apr.	49	117,029	5,081	3,107	155	1,684
May	.....	56,442	3,481	2,138	233	1,809
June	.....	61,503	3,861	1,987	76	1,983
July	.....	72,543	3,998	2,187	128	1,843
Aug.	.....	86,222	5,341	3,323	234	1,858
Sept.	109	86,231	7,159	5,301	510	1,916
Oct.	298	110,213	8,788	7,806	561	2,122
Nov.	328	121,090	8,422	4,992	718	.....
Dec.	176	103,760	8,695	4,815	485	2,590
*Annual	553	7,812	4,224	7,255	494	5,086
Totals	2,448	1,078,129	82,604	56,065	4,433	27,675

	Ouray	Pitkin	Rio Blanco	Routt	San Miguel	Weld	Total
Jan.	.....	190	801	87,103	34	148,025	657,542
Feb.	.....	160	1,229	86,623	29	162,262	673,933
Mar.	.....	130	454	50,893	10	111,085	546,186
Apr.	.....	.....	553	40,038	13	64,877	419,955
May	.....	36	125	11,300	5	32,113	196,730
June	.....	25	120	7,890	29	37,104	218,038
July	.....	39	136	14,356	.....	38,954	243,694
Aug.	.....	73	143	63,232	.....	48,529	400,569
Sept.	.....	84	339	81,496	.....	83,846	519,464
Oct.	.....	130	1,314	116,875	.....	127,175	699,384
Nov.	.....	61	1,127	88,062	.....	135,477	683,800
Dec.	.....	70	1,081	77,110	.....	132,247	630,416
*Annual	300	.....	718	6,862	1,061	15,996	101,311
Totals	300	998	8,140	731,840	1,181	1,137,690	5,991,022

*Additional production reported in 1939 Annual Reports.

COAL PRODUCTION IN PREPARED SIZES BY COUNTIES—1939

County	Mine Run	Lump	Egg	Nut	Pea	Slack	Total
Archuleta	665	1,251	----	----	----	454	2,370
Boulder	27,743	109,725	102,319	38,322	21,400	309,087	608,596
Delta	9,173	16,937	----	14,558	1,693	22,132	64,493
Elbert	4,384	1,980	112	1,123	522	61	8,182
El Paso	27,870	23,233	15,897	14,352	2,013	170,263	253,628
Fremont	158,005	153,520	32,724	58,283	9,341	105,028	516,901
Garfield	14,025	9,851	130	4,526	390	11,098	40,020
Gunnison	153,187	83,863	9,305	29,238	1,386	258,532	535,511
Huerfano	205,596	69,023	20,401	41,458	2,980	280,493	619,951
Jackson	6,257	5,571	----	3,974	----	668	16,470
Jefferson	52,847	9,052	5,834	5,898	6,589	78,405	158,625
La Plata	19,215	6,648	----	1,872	1,263	5,774	34,772
Larimer	715	1,275	----	----	238	220	2,448
Las Animas	358,693	29,439	6,548	43,530	2,688	637,231	1,078,129
Mesa	28,539	19,732	----	7,025	3,390	23,918	82,604
Moffat	8,210	26,528	----	7,083	628	13,616	56,065
Montezuma	2,543	214	1,315	175	74	112	4,433
Montrose	2,051	699	26	4,078	----	20,821	27,675
Ouray	300	----	----	----	----	----	300
Pitkin	938	----	----	----	----	60	998
Rio Blanco	2,907	3,240	----	1,579	11	403	8,140
Routt	31,004	229,536	61,095	124,025	3,938	282,242	731,840
San Miguel	1,121	41	----	10	----	9	1,181
Weld	591	323,180	114,623	2,608	95,426	601,262	1,137,690
Total	1,116,579	1,124,538	370,329	403,717	153,970	2,821,889	5,991,022

COKE PRODUCED IN 1939 BY COMPANIES AND COUNTIES

Companies	Total No. of Ovens Used	Total Tonnage	Counties	Total No. of Ovens Used	Total Tonnage
American Smelting and Refining Co.	137	56,836	Las Animas	137	56,836
Colorado Fuel and Iron Corp.	189	398,033	Pueblo	189	398,033
Total	326	454,869		326	454,869

Remarks:

Average number of days worked 312.5
Average number of men employed at the coke ovens 100
Number of tons of coal made into coke 749,924

COAL PRODUCTION IN COLORADO FROM 1873 TO 1939, INCLUSIVE

Year	Tons	Year	Tons
1873	69,977	1907	10,965,640
1874	87,372	1908	9,773,007
1875	98,838	1909	10,722,490
1876	117,666	1910	12,104,887
1877	160,000	1911	10,197,595
1878	200,630	1912	11,016,948
1879	322,732	1913	9,268,939
1880	375,000	1914	8,201,423
1881	706,744	1915	8,715,397
1882	1,161,479	1916	10,522,185
1883	1,220,593	1917	12,515,305
1884	1,130,024	1918	12,658,055
1885	1,398,796	1919	10,406,543
1886	1,436,211	1920	12,514,693
1887	1,791,735	1921	9,141,947
1888	2,185,477	1922	10,003,610
1889	2,400,629	1923	10,336,735
1890	3,075,781	1924	10,501,088
1891	3,512,632	1925	10,440,387
1892	3,771,234	1926	10,616,760
1893	3,947,056	1927	9,781,580
1894	3,021,028	1928	9,921,585
1895	3,339,495	1929	9,934,064
1896	3,371,633	1930	8,238,094
1897	3,565,660	1931	6,604,063
1898	4,174,037	1932	6,616,525
1899	4,826,939	1933	5,284,872
1900	5,495,734	1934	5,251,003
1901	6,021,405	1935	5,948,661
1902	7,522,923	1936	6,845,837
1903	7,775,302	1937	7,215,916
1904	6,776,551	1938	5,722,899
1905	8,989,631	1939	5,991,022
1906	10,308,421		

TOTAL NUMBER OF TONS OF COAL SHIPPED BY THE COAL MINES OF COLORADO DURING 1939, BY TRUCK, WAGON, RAILROAD OR USED FOR STEAM OR HEAT

Counties	Tons of Coal Shipped by Railroads	Tons of Coal Shipped by Trucks and Wagons	Used at Mine for Steam and Heat	Total Tons of Coal Produced
Archuleta	.....	2,370	.....	2,370
Boulder	195,907	401,093	11,596	608,596
Delta	28,704	31,108	4,681	64,493
Elbert	.....	8,062	120	8,182
El Paso	46,340	167,524	39,764	253,628
Fremont	162,584	351,950	2,367	516,901
Garfield	12,668	27,112	240	40,020
Gunnison	482,781	42,081	10,649	535,511
Huerfano	546,020	72,271	1,660	619,951
Jackson	10,121	6,013	336	16,470
Jefferson	111,915	45,705	1,005	158,625
La Plata	8,049	26,723	.....	34,772
Larimer	.....	2,446	2	2,448
Las Animas	982,571	80,595	14,963	1,078,129
Mesa	32,759	49,845	.....	82,604
Moffat	35,380	20,685	.....	56,065
Montezuma	.....	4,433	.....	4,433
Montrose	.....	27,675	.....	27,675
Ouray	.....	300	.....	300
Pitkin	838	160	.....	998
Rio Blanco	.....	8,140	.....	8,140
Routt	676,189	25,664	29,987	731,840
San Miguel	.....	1,181	.....	1,181
Weld	828,043	284,082	25,565	1,137,690
Total	4,160,869	1,687,218	142,935	5,991,022

TONS OF COAL SHIPPED OUT OF THE STATE DURING 1939

Archuleta	73
Boulder	132
Fremont	81,057
Gunnison	70,107
Huerfano	117,167
Jackson	7,234
La Plata	257
Larimer	504
Las Animas	113,675
Moffat	25
Rio Blanco	475
Routt	261,470
Weld	891
Total of State	653,067

MECHANICAL LOADING IN COLORADO IN 1939

COUNTY	Number of Mechanical Loaders	Shaker Type	Mobile or Track Type	Chain Conveyors, Short Face Type	Room Conveyors	Mainline or Entry Conveyors	Belt Conveyors, Number and Type	Power Shovels, No. and Type	Other Types of Mechanical Loaders	Total Tonnage Loaded by Mechanical Devices	MINING MACHINES					
											Comp. Air	Electric Permissible	Electric Non-Permissible	Other Type of Cutting or Shearing	Electric Drills	Total Tonnage
Archuleta	....	....	....	....	....	....	....	....	....	.....	....	....	....	....	....	2,370
Boulder	39	38	....	....	....	....	1	....	....	371,172	17	4	64	4	48	608,596
Delta	....	....	....	....	....	....	....	....	....	.....	3	....	3	1	1	64,493
Elbert	....	....	....	....	....	....	....	....	....	.....	1	....	....	....	....	8,182
El Paso	5	3	2	....	....	....	....	....	....	133,644	....	1	12	....	5	253,628
Fremont	37	13	2	2	12	8	....	....	....	208,578	....	15	62	....	40	516,901
Garfield	....	....	....	....	....	....	....	....	....	.....	1	....	....	....	1	40,020
Gunnison	12	4	4	....	4	....	....	....	....	165,123	....	7	25	1	17	535,511
Huerfano	8	8	....	....	....	....	....	....	....	92,927	2	37	29	2	12	619,951
Jackson	....	....	....	....	....	....	....	....	....	.....	....	1	1	....	3	16,470
Jefferson	....	....	....	....	....	....	....	....	....	.....	....	1	3	....	4	158,625
La Plata	....	....	....	....	....	....	....	....	....	.....	....	....	....	....	....	34,772
Larimer	....	....	....	....	....	....	....	....	....	.....	....	....	....	....	....	2,448
Las Animas	....	....	....	....	....	....	....	....	....	.....	....	17	12	....	5	1,078,129
Mesa	3	3	....	....	....	....	....	....	....	8,819	1	3	6	....	3	82,604
Moffat	2	....	2	....	....	....	....	....	....	29,231	....	1	2	....	5	56,065
Montezuma	....	....	....	....	....	....	....	....	....	.....	....	....	....	....	....	4,433
Montrose	....	....	....	....	....	....	....	....	....	.....	....	....	....	....	2	27,675
Ouray	....	....	....	....	....	....	....	....	....	.....	....	....	....	....	....	300
Pitkin	....	....	....	....	....	....	....	....	....	.....	....	....	....	....	....	998
Rio Blanco	....	....	....	....	....	....	....	....	....	.....	....	....	....	....	....	8,140
Routt	74	34	4	6	14	10	....	6	....	454,908	....	3	56	4	66	731,840
San Miguel	....	....	....	....	....	....	....	....	....	.....	....	....	....	....	....	1,181
Weld	38	25	7	....	3	3	....	....	....	483,357	2	11	69	7	51	1,137,690
Total	218	128	21	8	33	21	1	6	....	1,947,759	27	101	344	19	263	5,991,022

LABOR DISTRIBUTION
(Poll Taken Dec. 31, 1939)

Underground Employees (Average Number)

Foremen	197
Assistant foremen	77
Firebosses	92
Pick miners	1,877
Machine coal miners	2,012
Machine runners and helpers	392
Mechanical loader men (all classes)	1,198
Shotfirers and blasters	94
Motormen and assistants	233
Hoistmen and roperiders	232
Drivers	277
Door tenders (men and boys)	1
Trackmen and helpers	190
Timbermen and helpers	204
Brattice and ventilation men	28
Rockmen on brushing	53
Mechanics and helpers	54
Electricians and helpers	43
Pumpmen and pipemen	36
Laborers, sprinklers, etc.	59
Total number employed underground	7,349

Surface Employees (Average Number)

Superintendent	103
Foremen	40
Enginemen (hoists and plants)	166
Firemen and helpers	72
Machinists and helpers	53
Electricians and helpers	44
Blacksmiths and helpers	66
Carpenters and helpers	45
General tipple employees	472
Slate pickers	106
Coal washing employees	14
Coke plant employees	100
Office employees	108
Miscellaneous surface employees	238
Total number employed on surface	1,627
Total all employees (surface and underground)	8,976

FATAL ACCIDENTS—1939

	Date	Name	Company	Mine	County	Cause
1.	Jan. 20	F. S. Marakami	Keystone Coal Co.	Keystone	Routt	Mine car—run over
2.	Jan. 23	Dolores Armendarez	Bear Canon Coal & Coke Co.	Bear Canon No. 6	Las Animas	Fall of face coal—Loading
3.	Jan. 28	Jeff L. Rhodes	Victor-American Fuel Co.	Wadge	Routt	Run over by mine car
4.	Jan. 30	Clarence D. Stone	Hayden Coal Co.	Hayden No. 3	Routt	Fall of roof coal
5.	Feb. 20	Edward Frohling	Canon National Coal Co.	Canon National	Fremont	Electrocution
6.	Mar. 24	George Young	Victor-American Fuel Co.	Chandler	Fremont	Electrocution
7.	Mar. 30	Angelo Berardi	Black Diamond Fuel Co.	Black Diamond No. 2	Boulder	Fall of roof coal
8.	Apr. 20	Domenic Valenzano	Manley Coal Co.	Manley	Fremont	Fall of roof (rock)
9.	June 23	Edward W. Scholes	Calumet Fuel Co.	Calumet No. 2	Huerfano	Fall of roof (rock)
10.	Sept. 2	Lawrence A. Phenix	Colorado & Utah Coal Co.	Harris	Routt	Electrocution
11.	Sept. 6	Audlin Charles Hand	Canon Eagle Coal Co.	Canon Eagle	Fremont	Fall of roof (rock)
12.	Sept. 9	Benito Garcia	Benito Garcia	Garcia	Las Animas	Fall of roof (draw slate)
13.	Sept. 20	Sam Bogan, Jr.	Moffat Coal Co.	Moffat No. 1 and No. 2	Routt	Mine car—squeezed between car and timber
14.	Sept. 25	Joseph Zuder	Pryor Coal Mining Co.	Pryor No. 2	Huerfano	Fall of roof (slate)
15.	Oct. 6	William T. Watson	Boulder Valley Coal Co.	Centennial	Boulder	Caught in moving machinery
16.	Oct. 9	Joe Dighera	Giuliano & Carpine	Cedar Canon	Fremont	Fall of roof (rock)
17.	Oct. 24	Jesus Agirre	American Smelting & Refining Co.	Bonearbo	Las Animas	Mine car—caught between cross bar and empty car while coupling
18.	Oct. 27	Joe Demetrio Martinez	Victor-American Fuel Co.	Delagua	Las Animas	Struck by falling cross bar
19.	Oct. 30	A. G. Kimball	Idle Mine	Ritchneg	Routt	Fall of roof (slate)
20.	Oct. 30	Ernest Roybal	Huerfano Coal Co.	Ludlow	Las Animas	Fall of roof (rock)
21.	Oct. 31	George Mandarich	Victor-American Fuel Co.	Chandler	Fremont	Jack pipe slipping onto cutting machine
22.	Nov. 16	Frank Pfenneberger	Rocky Mountain Fuel Co.	Industrial	Boulder	Fall of roof coal
23.	Dec. 8	Alfredo Martinez	Colorado Fuel & Iron Corp.	Crested Butte	Gunnison	Fall of roof (coal and rock)
24.	Dec. 12	Carl Haase	Huerfano Coal Co.	Ludlow	Las Animas	Fall of roof (rock)
25.	Dec. 14	Harry E. Micheli	Pio Micheli	Rapson	Las Animas	Fall of roof (rock)
26.	Dec. 29	Arlie Galloway	Louisville-Lafayette Coal Co.	Hi-Way	Boulder	Ignition of explosive gas

Recommendations Made by the State Department, Where Necessary

COAL MINE FATALITIES IN THE STATE OF COLORADO, CLASSIFIED BY CAUSE AND OCCUPATION, FOR YEAR ENDED DEC. 31, 1939

Causes	Foreman	Assistant Foreman	Fire-bosses	Pick Miners	Machine Coal Hand Loaders	Machine Runners and Scrapers	Mechanical Loader Operators and Helpers	Shot Firers	Drivers and Runners	Motormen and Assistants	Doorboys and Helpers	Hoistmen and Rope Riders	Trackmen and Bratticemen	Timbermen and Rockmen	Pump and Pipemen	Electricians and Helpers	All Others	Total Underground	Surface Fatalities	Total Fatalities
Underground																				
1. Falls of roof (rock, coal or draw slate)	1	....	....	7	1	....	3	....	....	....	....	....	....	1	....	....	1	14	.....	14
2. Roof fall due to car or machine knocking out post	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
3. Falls of face or rib	....	....	....	.....	1	....	.....	....	....	....	....	....	....	....	....	....	....	1	.....	1
4. Rush of coal, rock or gob	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
5. Other falling material or objects (not being handled by injured worker)	....	....	....	.....	.....	....	.....	....	1	....	....	....	....	....	....	....	....	1	.....	1
6. Falls of persons	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
7. Handling materials	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
8. Hand tools	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
9. Stepping on nails or other sharp objects	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
10. Striking or bumping against objects	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
11. Mine cars and mine locomotives	....	....	....	2	.....	....	1	....	....	....	....	....	1	....	....	....	....	4	.....	4
12. Explosions of gas or coal dust	....	....	....	.....	.....	....	1	....	....	....	....	....	....	....	....	....	....	1	.....	1
13. Explosives (not including those in No. 12)	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
14. Electricity (not resulting in explosions)	....	....	....	.....	1	....	.....	....	....	1	....	....	....	....	....	....	....	2	.....	2
15. Machinery	....	....	....	.....	.....	1	1	....	....	....	....	....	....	....	....	....	....	2	.....	2
16. Suffocation from natural gases (not from mine fires or explosions)	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
17. Mine fires (burns, suffocations, etc.)	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
18. All other accidents underground	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
Total underground	1	....	....	9	3	1	6	....	1	1	....	....	1	1	....	....	1	25	.....	25

COAL MINE FATALITIES IN THE STATE OF COLORADO, CLASSIFIED BY CAUSE AND OCCUPATION, FOR YEAR ENDED DEC. 31, 1939—Continued

Causes	Foreman	Assistant Foreman	Fire-bosses	Pick Miners	Machine Coal Hand Loaders	Machine Runners and Scrapers	Mechanical Loader Operators and Helpers	Shot Firers	Drivers and Runners	Motormen and Assistants	Doorboys and Helpers	Hoistmen and Rope Riders	Trackmen and Bratticemen	Timbermen and Rockmen	Pump and Pipemen	Electricians and Helpers	All Others	Total Underground	Surface Fatalities	Total Fatalities
19. Shaft and slope	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
20. Falls or slides of coal or overburden	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
Surface (including tipple, breaker, shops and yards)																				
34. Mine cars and mine locomotives	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
35. Railway cars and locomotives	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
36. Handling materials	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
37. Hand tools	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
38. Falls of persons	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
39. Falling objects	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
40. Machinery on surface	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
41. Electricity	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	1	....	.....	1	.....
42. Explosives	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
43. All other surface accidents	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	.....	.....
Total Surface	....	....	....	.....	.....	....	.....	....	....	....	....	....	....	....	....	....	....	.....	1	.....
Grand Total	1	....	....	9	3	1	6	....	1	1	....	....	1	1	....	1	1	25	1	26
Total number employed in each occupation	197	77	92	1,877	2,012	392	1,198	94	277	233	1	232	218	204	36	43	166	7,349	1,627	8,976

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